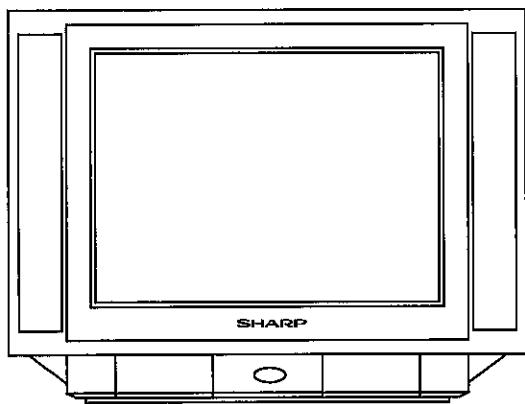


SHARP

SERVICE MANUAL

SEFMDV6340S//



PAL/SECAM SYSTEM
COLOUR TELEVISION

4BS-C Chassis

MODEL **DV-6340S**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

CONTENS

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ELECTRICAL SPECIFICATIONS

Power Input 220—240 V AC 50 Hz
 Power Consumption 95 Wh
 Audio Power Output Rating 10 W (MPO) X2
 Speaker 6.5 cmX13.4 cm
 Voice Coil Impedance 8 ohms at 2 untis
 Convergence Self Converging System
 Focus Bi-Potential Electrostatic
 Sweep Deflection Magnetic

Intermediate Frequencies
 • Picture IF Frequency 38.9 MHz
 • Sound IF Carrier Frequency 33.16/33.4 MHz
 • Colour Sub-Carrier Frequency 34.47 MHz
 (Nominal)

Aerial Input Impedance
 VHF/UHF 75 ohm Unbalanced
 Tuning Ranges 48.25 MHz thru 855.25 MHz
 CATV Special Channels

Specifications are subject to change without prior notice.

WARNING

The chassis in this receiver is partially hot. Use an isolation transformer between the line cord plug and power receptacle, when servicing this chassis.
 To prevent electric shock, do not remove cover. No user — serviceable parts inside. Refer servicing to qualified service personnel.

IMPORTANT SERVICE NOTES

Maintenance and repair of this receiver should be done by qualified service personnel only.

SERVICING OF HIGH VOLTAGE SYSTEM AND PICTURE TUBE

When servicing the high voltage system, remove static charge from it by connecting a 10 k ohm Resistor in series with an insulated wire (such as a test probe) between picture tube ground tag and high voltage lead. (AC line cord should be disconnected from AC outlet.)

1. Picture tube in this receiver employs integral implosion protection.
2. Replace with tube of the same type number for continued safety.
3. Do not lift picture tube by the neck.
4. Handle the picture tube only when wearing shatterproof goggles and after discharging the high voltage completely.

X-RAY

This receiver is designed so that any X-Ray radiation is kept to an absolute minimum. Since certain malfunctions or servicing may produce potentially hazardous radiation with prolonged exposure at close range, the following precautions should be observed:

1. When repairing the circuit, be sure not to increase the high voltage to more than 30.0 kV, (at beam 1000 μ A) for the set.
2. To keep the set in a normal operation, be sure to make it function on $25.7 \text{ kV} \pm 1.5 \text{ kV}$ (at beam 1300 μ A) in the case of the set. The set has been factory — Adjusted to the above-mentioned high voltage.
∴ If there is a possibility that the high voltage fluctuates as a result of the repairs, never forget to check for such high voltage after the work.
3. Do not substitute a picture tube with unauthorized types and/or brands which may cause excess X-ray radiation.

BEFORE RETURNING THE RECEIVER

Before returning the receiver to the user, perform the following safety checks.

1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulating fishpapers, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators etc.

SERVICE ADJUSTMENT

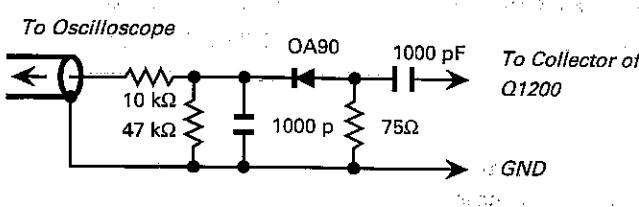
PIF/SIF/AGC/G2 Adjustment

1. Trap Adjustment

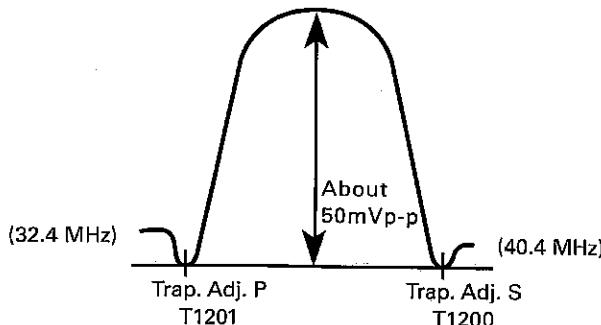
Adjusting Point

- T1201:** Trap coil (Adj.-P Trap)
- T1200:** Trap coil (Adj.-S Trap)

1. Connect sweep generator output to IF in (FA (1)).
2. Connect response cable with detector to collector line of Q1200 (see diagram).



3. Adjust T1200 (Adj.-S Trap) and T1201 (Adj.-P Trap) so that traps are (40.4 MHz) and (32.4 MHz).



2. VCO Adjustment

Adjusting Point

- T1202:** VCO adjust coil

1. Feed the following signal to pin (1) of connector (FA) in IF unit.
 - Frequency: 38.9 MHz (CW) \pm 5 kHz
 - Level: approx. 85 dB
2. Adjust T1202 so that voltage at pin (7) (AFT output) of connector (FA) in IF unit is 2.5 ± 0.2 V.

3. Separation Adjustment

Adjusting Point

- R1219:** Separation control

1. Receive the following signal from IGR stereo signal generator.
 - Video Signal: Colour bar (87.5% mod.)
 - Stereo Mode: L (unmodulated)
 - R (400 Hz modulated)

* Make sure the unit is in the stereo mode with OSD (On-Screen Display) on.
2. Terminate pin (3) (audio L output) of 21-pin connector with 10 kΩ impedance. Adjust separation control (R1219) until 400 Hz output waveform becomes minimum.

4. RF AGC Adjustment

Adjusting Point

- R1216:** RF AGC control

1. Receive "COLOUR BAR" signal.
 - signal strength: 53 dB
2. Connect DC voltmeter to Test Point TP1200 (RF AGC).
3. Set AGC control (R1216) to maximum position (memory).
4. Adjust R1216 to obtain voltage of 0.1 V below maximum voltage (step 3).

5. G2 Adjustment

1. Receive "MONOSCOPE PATTERN" signal.

2. Connect DC voltmeter with Test probe attenuator ($\div 1000$) to HH1 Test point on PWB-C.
3. Adjust G2 to obtain 730V on HH1.

■ SERVICE MODE FUNCTION

This mode function is provided to assist with the settings of those adjustments that may vary from one Picture Tube to another, or between models.

In order to use the Service Mode

1. Connect Test Pattern signal to antenna terminal.
2. Connect a jump wire between terminals (2) (GND) and (6) of the service slot situated in the TEXT Unit.
3. —SERVICE SOFTWARE— will appear on screen.
4. Remove a jump wire of the service slot.

The required adjustments can then be made from the Remote Control Unit.

The only buttons required are the following:

Δ CH V for movement in adjustment options menu; Δ Δ V are used to carry out an adjustment in said menu; ON/OFF is used to memorize a new adjustment.

Adjustment menu is as follows:

- SERVICE SOFTWARE
- CROMA-LUMA DELAY
- VERT. SHIFT
- HOR. SHIFT
- E-W WIDTH
- E-W PALABOLA
- E-W CORNER
- E-W TRAPEZOID
- VERT. AMPLITUDE
- S CORRECTION
- RED REFERENCE
- GREEN REFERENCE
- BLUE REFERENCE
- ALTER NVM POS 00 00
- ALTER NVM VAL 00 00

Having finalized adjustments, connect a jump wire again, between terminals (2) and (6) of the service slot to exit Service Mode.

Adjustment Note:

The procedure for making adjustments to Vertical Corrections is as follows:

- Adjust S CORRECTION
- Adjust VERT. SHIFT
- Adjust VERT. AMPLITUDE

The procedure for making adjustments to Horizontal Corrections is as follows:

- Adjust HOR. SHIFT
- Adjust E-W PALABOLA
- Adjust E-W WIDTH
- Adjust E-W TRAPEZOID
- Adjust E-W CORNER

■ GEOMETRY ADJUSTMENT PROCEDURE

CHROMA-LUMA DELAY

- Receive Philips pattern signal.
- When volume-up button is pressed, luma phase delays.
- When volume-down button is pressed, chroma phase delays.
- Adjust the Chroma-Luma delay.

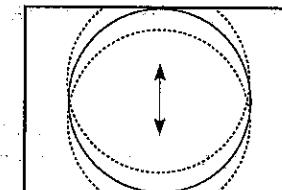


Fig. 1

VERT. SHIFT

- Receive Philips pattern signal.
- When volume-down button is pressed, picture moves up.
- When volume-up button is pressed, picture moves down.
- Adjust the Vertical location to obtain picture centering (fig. 1).

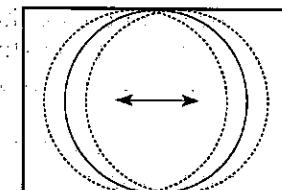


Fig. 2

HOR. SHIFT

- Receive Philips pattern signal.
- When volume-up button is pressed, picture moves to the left.
- When volume-down button is pressed, picture moves to the right.
- Adjust the horizontal location to obtain picture centering (fig. 2).

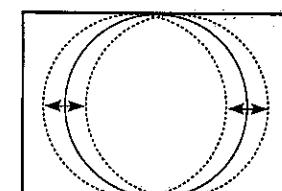


Fig. 3

E-W WIDTH

- Receive Philips pattern signal.
- When volume-up button is pressed, horizontal scanning increases.
- When volume-down button is pressed, horizontal scanning decreases.
- Adjust the horizontal amplitude to obtain 9% overscan (fig. 3).

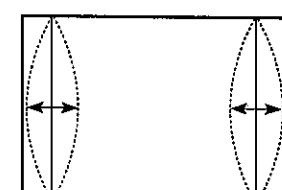


Fig. 4

E-W PARABOLA

- Receive Philips pattern signal.
- When volume-up button is pressed, slide pincushion changes from pincushion to barrel shape.
- When volume-down button is pressed, slide pincushion changes from barrel to pincushion shape.
- Adjust the E-W PARABOLA to obtain condition as in fig. 4.

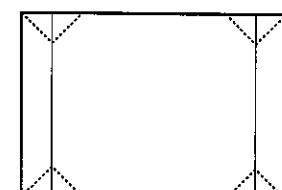


Fig. 5

E-W CORNER

- Receive Philips pattern signal.
- When volume-down button is pressed, slide pincushion changes from pincushion to barrel shape.
- When volume-up button is pressed, slide pincushion changes from barrel to pincushion shape.
- Adjust the E-W CORNER to obtain condition as in fig. 5.

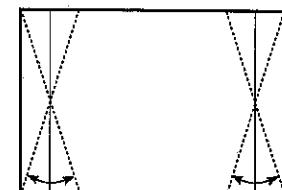


Fig. 6

E-W TRAPEZOID

- Receive Philips pattern signal.
- When volume-up button is pressed, slide pincushion changes.
- When volume-down button is pressed, slide pincushion changes.
- Adjust the E-W TRAPEZOID to obtain condition as in fig. 6.

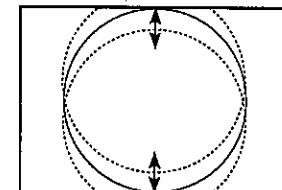


Fig. 7

VERT. AMPLITUDE

- Receive Philips pattern signal.
- When volume-up button is pressed, vertical size of picture increases.
- When volume-down button is pressed, vertical size of picture decreases.
- Adjust the vertical size to obtain overscan (fig. 7).

S CORRECTION

- Receive Philips pattern signal.
- When volume-up button is pressed, upper and lower scanning decreases, and center scanning increases.
- When volume-down button is pressed, upper and lower scanning increases, and center scanning decreases.
- Adjust the S-correction to obtain a balance between upper, lower and center (fig. 8).

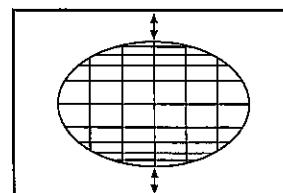


Fig. 8

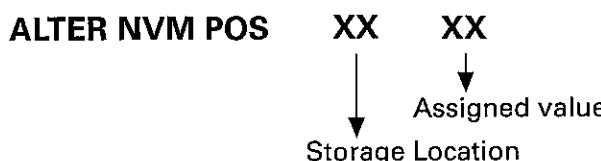
The following adjustments are only required when the Picture Tube is changed.

RED REFERENCE / GREEN REFERENCE / BLUE REFERENCE

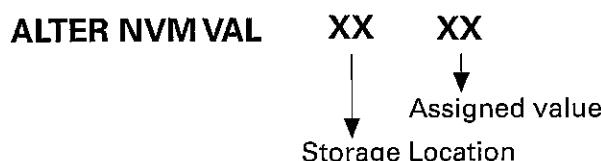
- Adjust G2.
- Tune in white card.
- Adjust colour to minimum.
- Position colourmeter in the center of screen.
- Using brightness and contrast buttons, select a luminance of ≈ 120 NITS.
- Operate again in Service Mode and select location RED REFERENCE / GREEN REFERENCE / BLUE REFERENCE to obtain colour coordinates:
 $X = 0.290 \pm 0.015$
 $Y = 0.284 \pm 0.015$
- Exit Service Mode and check colour coordinates 'X' and 'Y' at 20 and 120-NITS. It may be necessary to repeat procedure.

NOTE:

Locations: RED REFERENCE alter 'X' coordinate; GREEN REFERENCE alter the 'Y' coordinates; BLUE REFERENCE alter the 'X' and 'Y' coordinates.



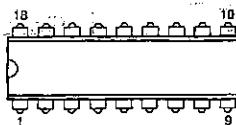
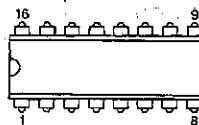
When $\nabla \swarrow \nwarrow \Delta$ buttons are pressed, alter Storage Location.



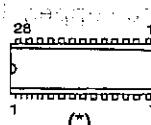
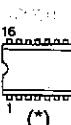
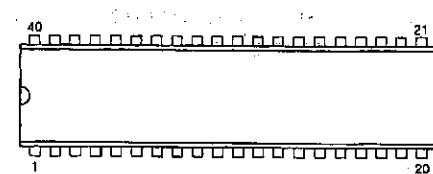
When $\nabla \swarrow \nwarrow \Delta$ buttons are pressed, alter Assigned value.

SOLID STATE DEVICE BASE DIAGRAM

VHITDA4566-1

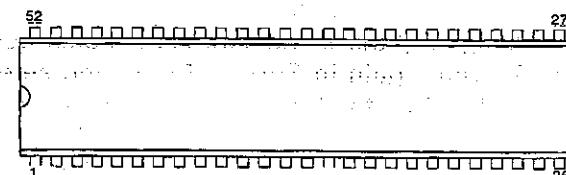
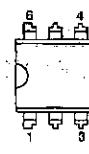
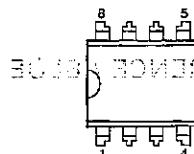

 RH-IX1460BMZZ
 RH-IX1487BMZZ
 RH-IX1495BMZZ


VHITDA9814T-1


 RH-IX1474BMZZ
 RH-IX1475BMZZ

 RH-IX1445BMZZ
 RH-IX1481BMZZ
 RH-IX1566BMZZ

 CH-IX1503CJS3
 VHILM358P/-1

RH-FX0101BMZZ

RH-IX1567BMZZ



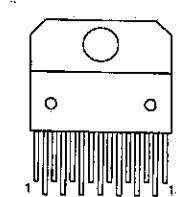
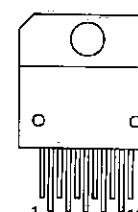
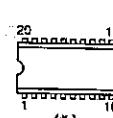
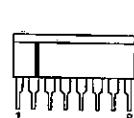
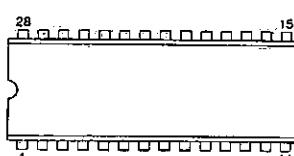
CH-IX1412CJSR

VHILA7016/-1

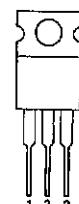
RH-IX1485BMZZ

VHITDA7263/-1

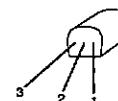
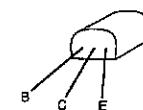
RH-IX1416BMZZ



RH-IX1163BMZZ

 VHISE140N/-1
 RH-IX1429BMZZ
 RH-IX1185BMZZ


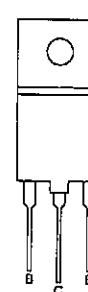
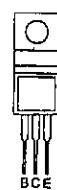
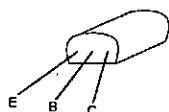
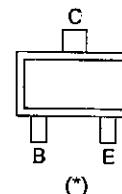
VHIPST529C2-1


 VS2SC227-D1A
 RH-TX0112BMZZ
 VS2SC1906//1E


RH-TX0102BMZZ

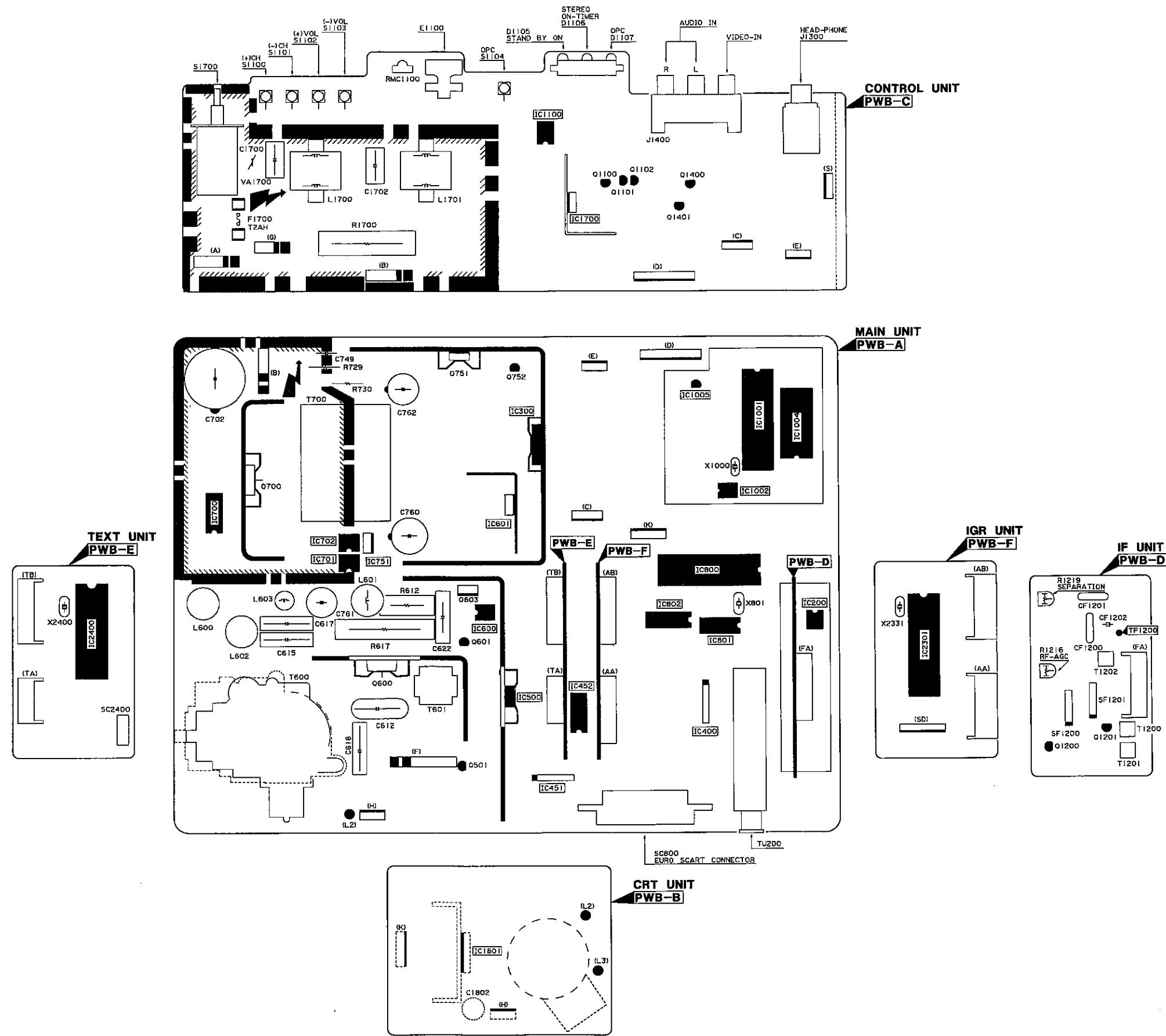
VS2SD1913S/1E

VS2SD1546//2E


 RH-TX0113BMZZ
 VS2SA1037KQ-1
 VS2SC2412KQ-1


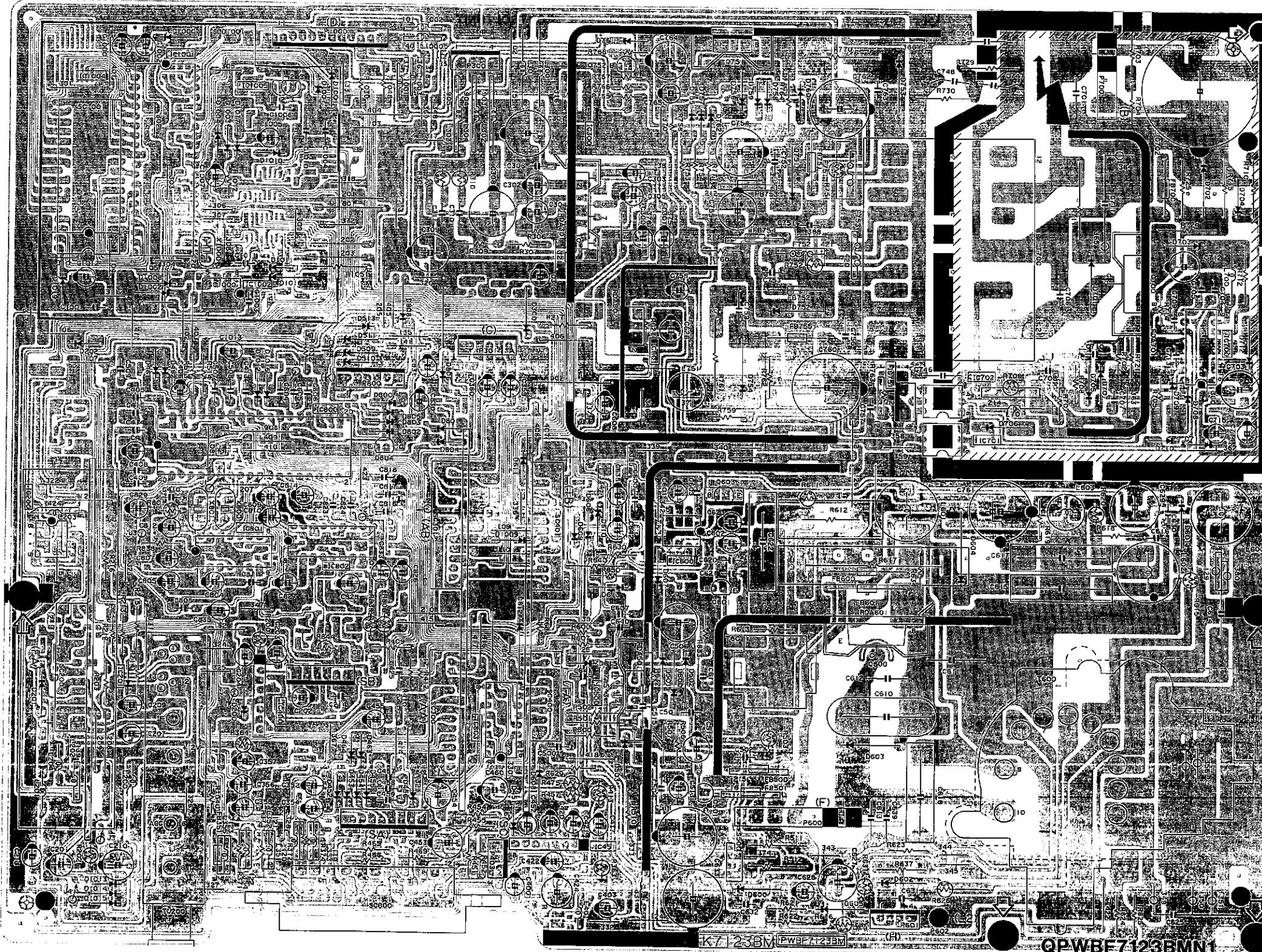
(*SMD COMPONENT)

CHASSIS LAYOUT

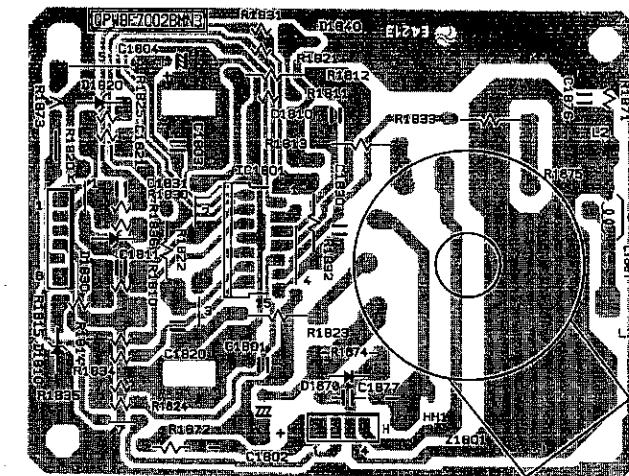


PRINTED WIRING BOARD

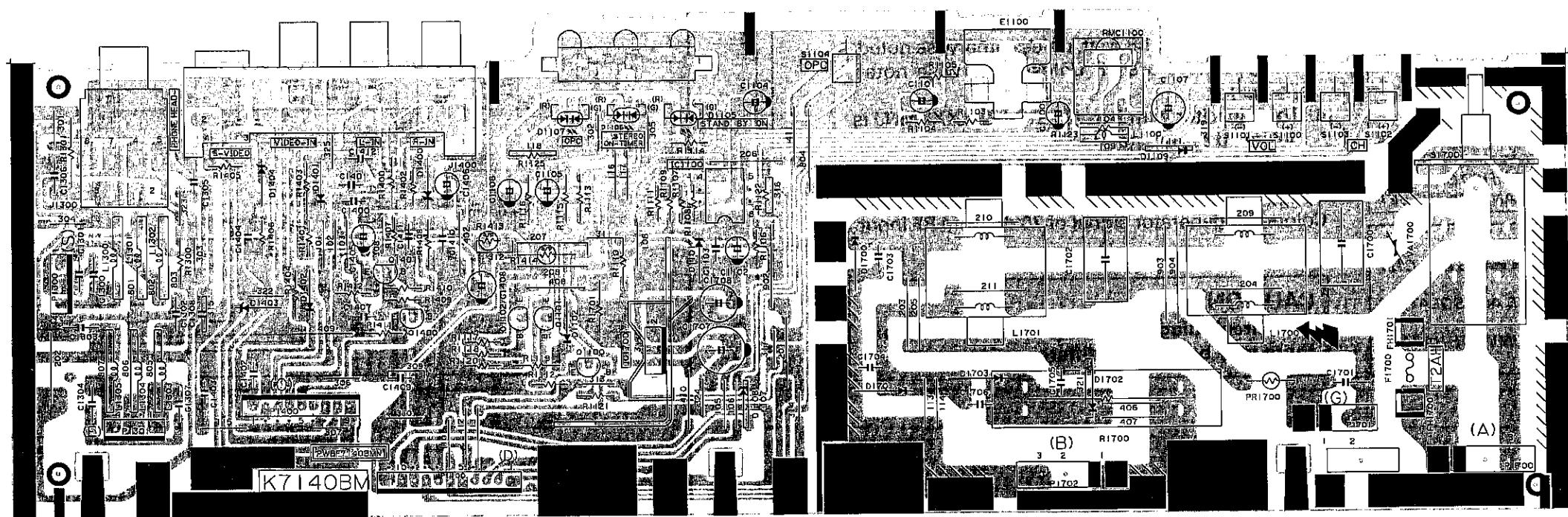
(All the PWBs here are shown as viewed from their wiring sides)



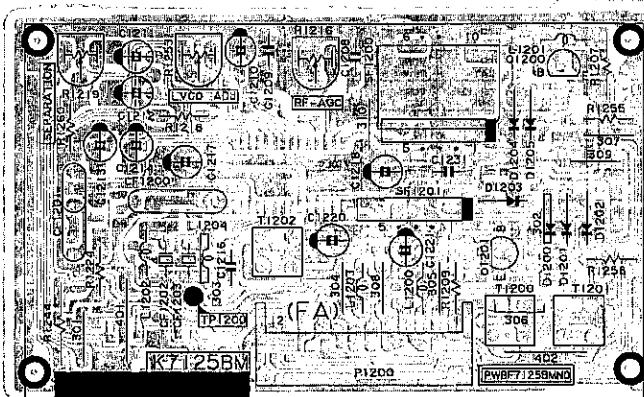
PWB-A



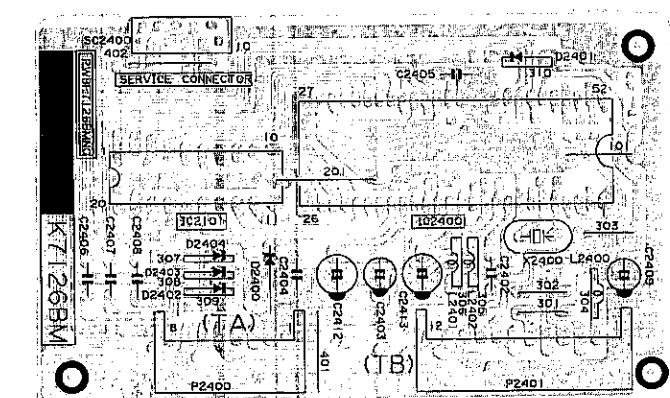
PWB-B



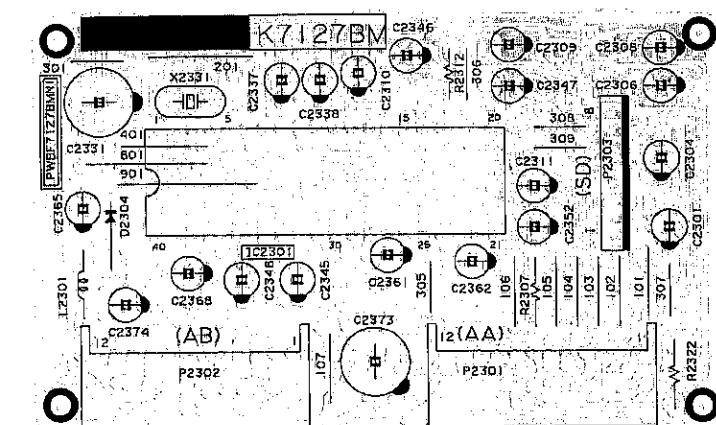
PWB-C



PWB-D



PWB-E



PWB-F

DESCRIPTION OF SCHEMATIC DIAGRAM

SAFETY NOTE:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

IMPORTANT SAFETY NOTICE:

**PARTS MARKED WITH "Δ" () ARE
IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE
SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR
MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.**

SERVICE PRECAUTION:

**THE AREA ENCLOSED BY THIS LINE (— — —) IS DIRECTLY CONNECTED WITH AC MAINS VOLTAGE.
WHEN SERVICING THE AREA, CONNECT AN ISOLATING TRANSFORMER.
BETWEEN TV RECEIVER AND AC LINE TO ELIMINATE HAZARD OF ELECTRIC SHOCK.**

NOTE

1. The unit of resistance "ohm" is omitted (K=1000 ohms, M=Megaohm).
2. All resistors are 1/8 watt, unless otherwise noted.
3. All capacitors are μF , unless otherwise noted (P= $\mu\mu\text{F}$).
4. The capacitor with Part No. RC-FZ9XXXBMNJ is

WAVEFORM MEASUREMENT

WATER-TEMPERATURE CONDITIONS:

Colour bar generator signal of 70 dB from RF input

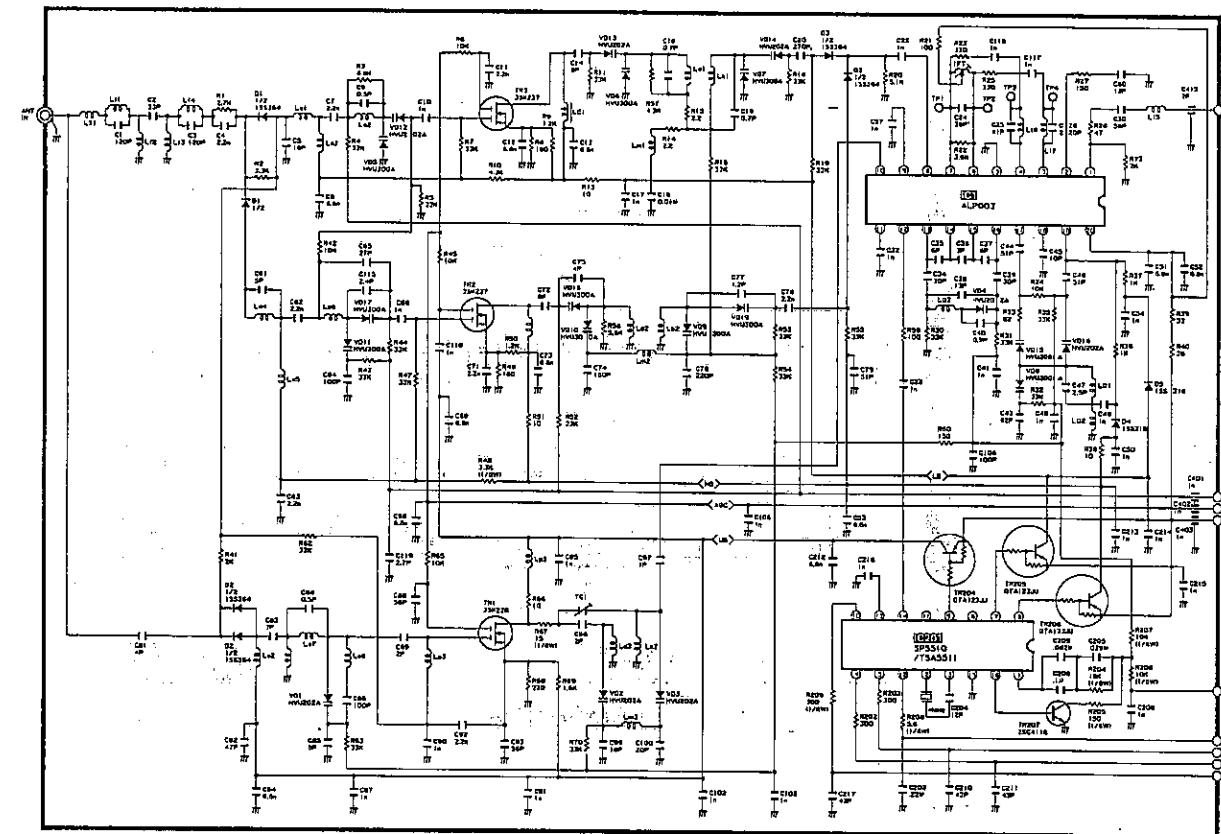
CAUTION-

This circuit diagram is original one; therefore there may be a slight difference from yours.

Tuner

NOTE: The parts here shown are supplied as an assembly but not independently.

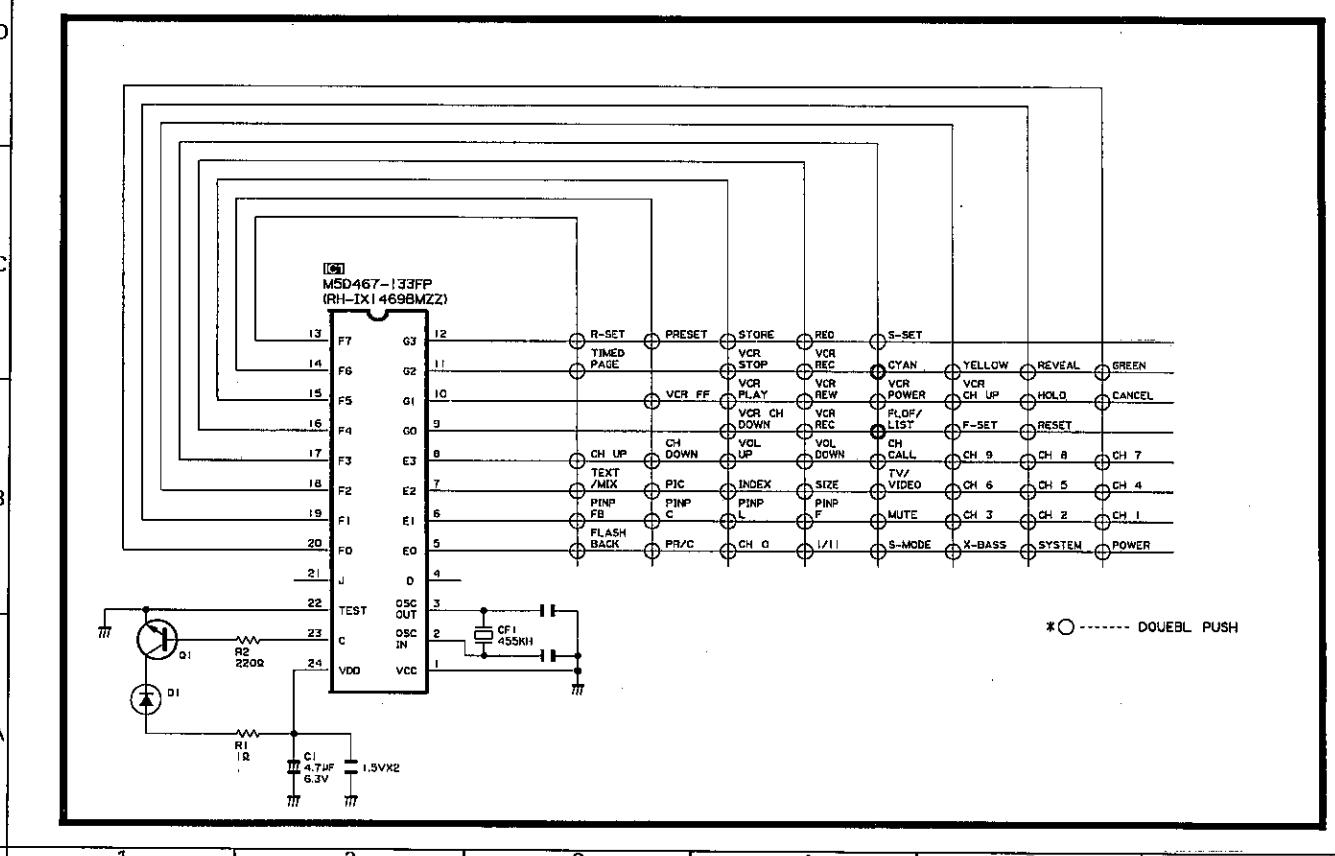
VTUATEKE9-052



Remote Control Unit

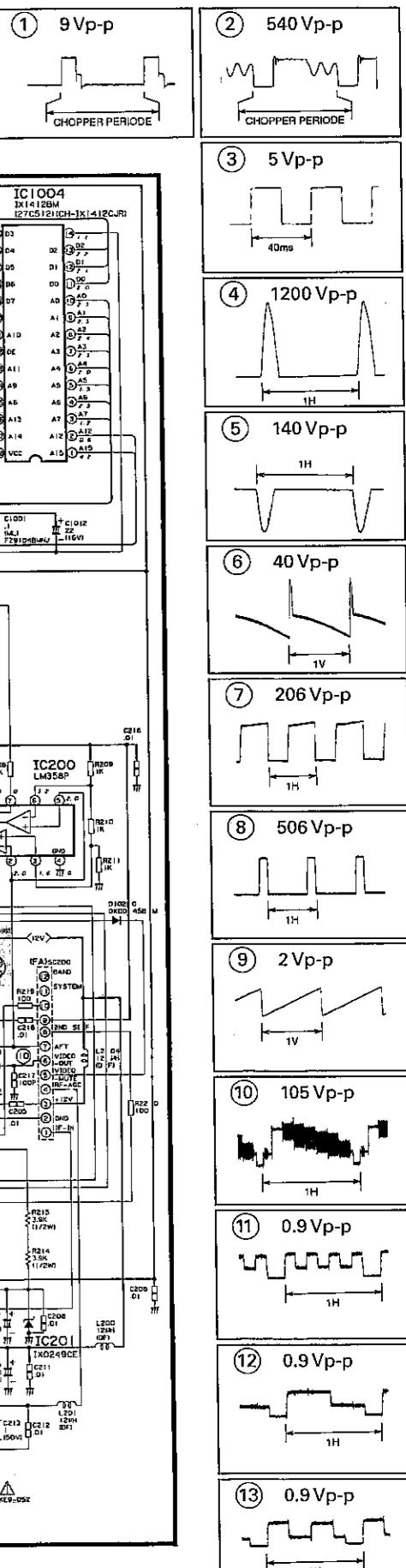
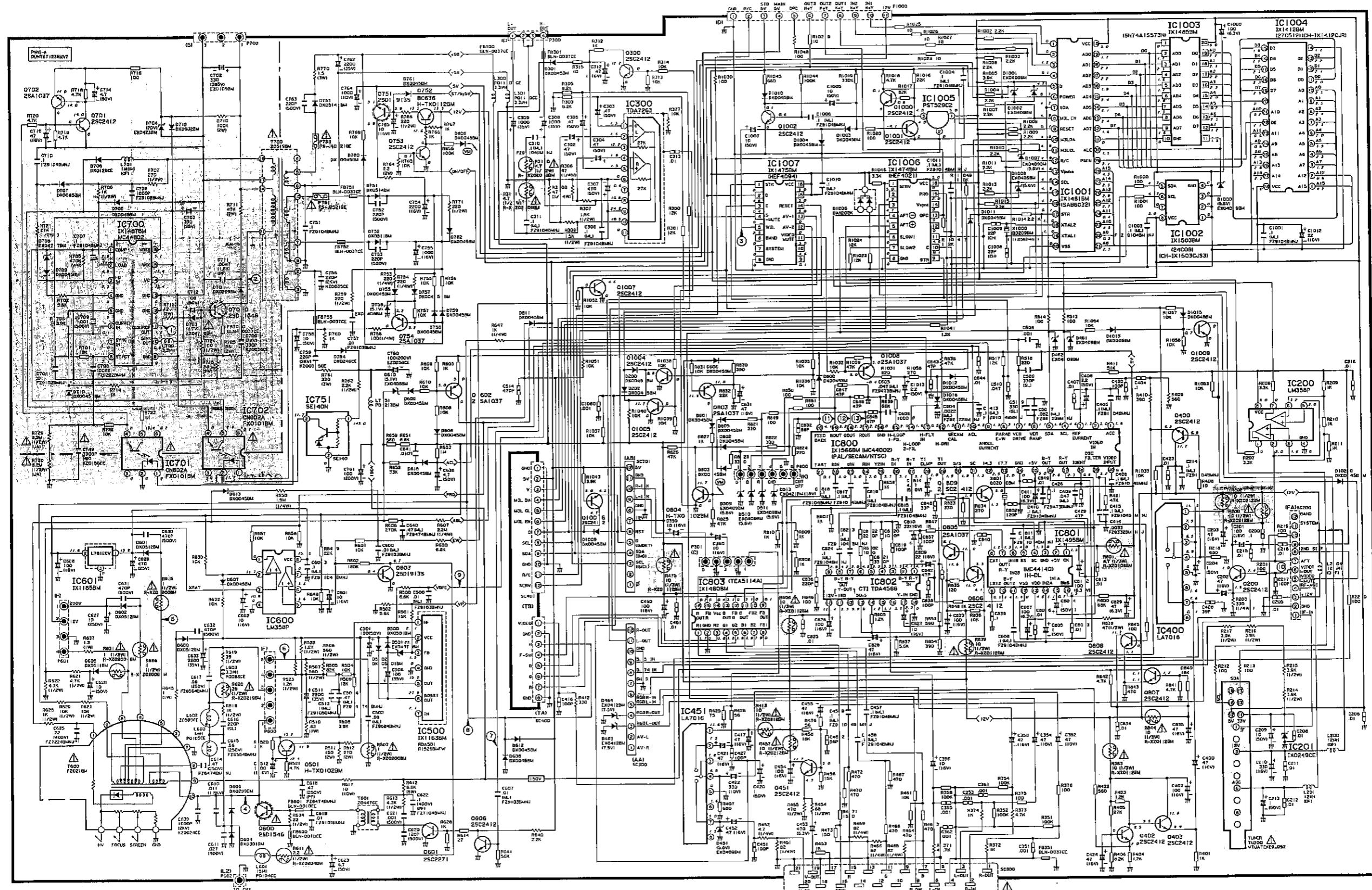
NOTE: The parts here shown are supplied as an assembly but not independently.

RRMCG1023BMSA



SCHEMATIC DIAGRAM

■ Main Unit

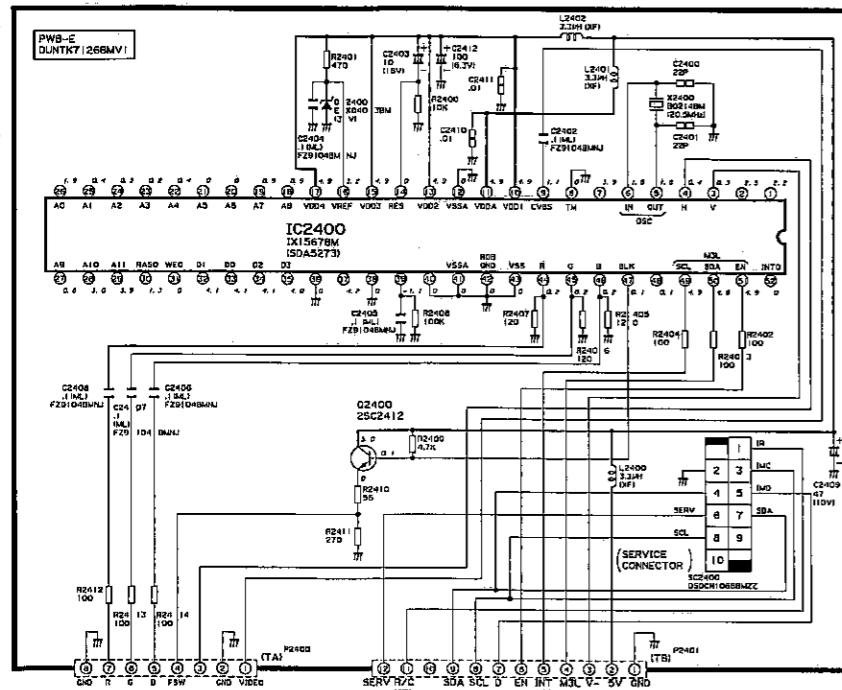
Note: The symbol  means a resistor of 1/16W.

SCHEMATIC DIAGRAM

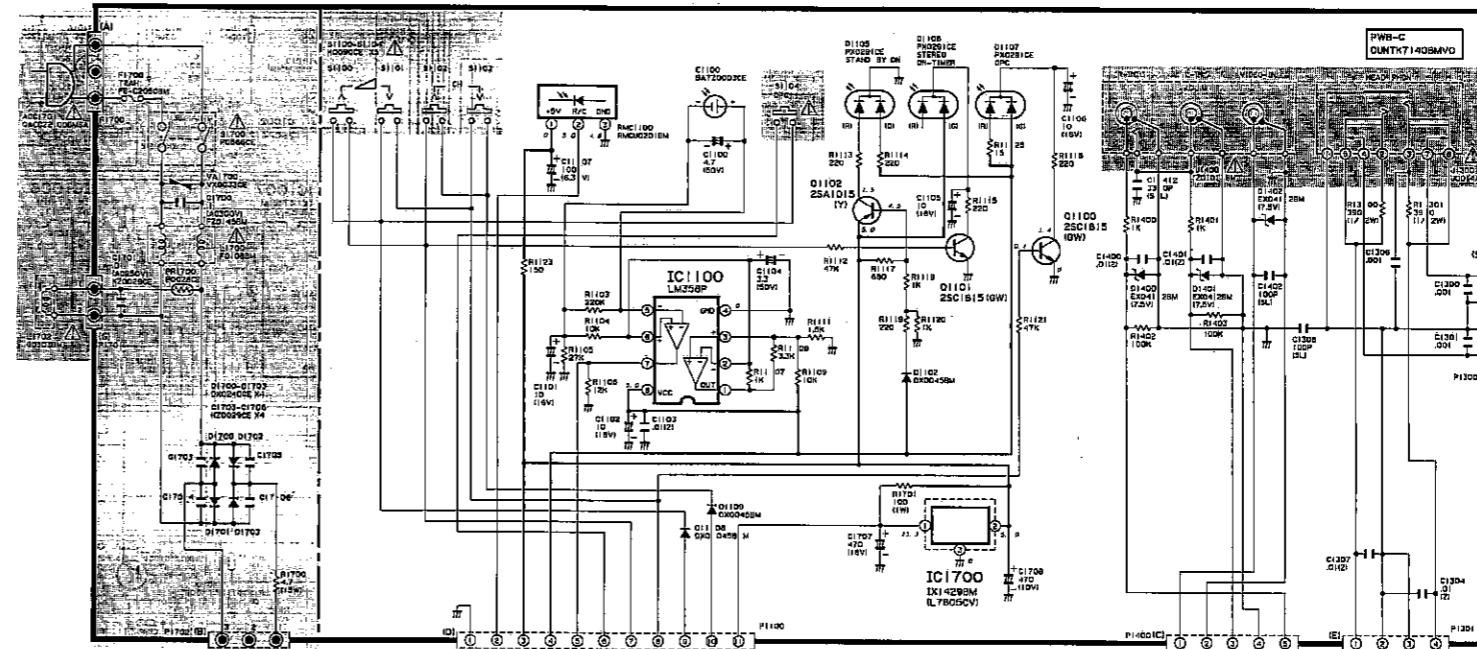
■ Sub Unit

Note: The symbol means a resistor of 1/16 W.

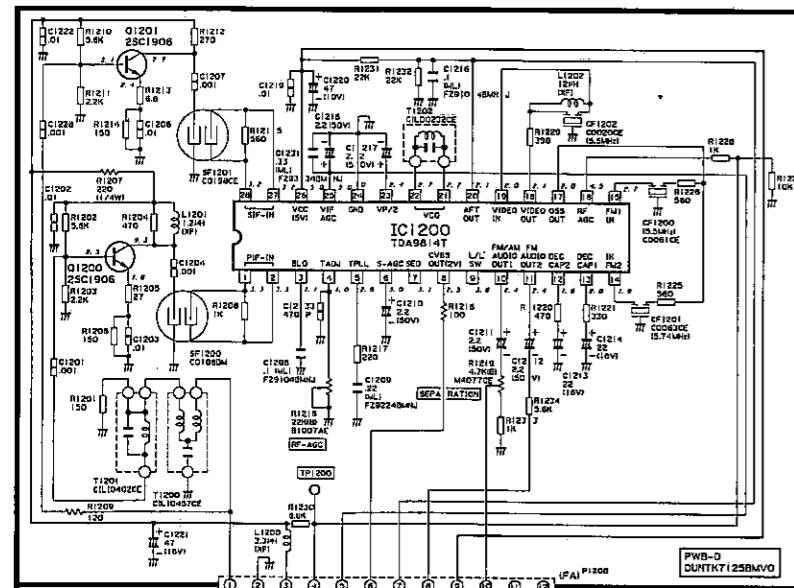
TEXT Unit



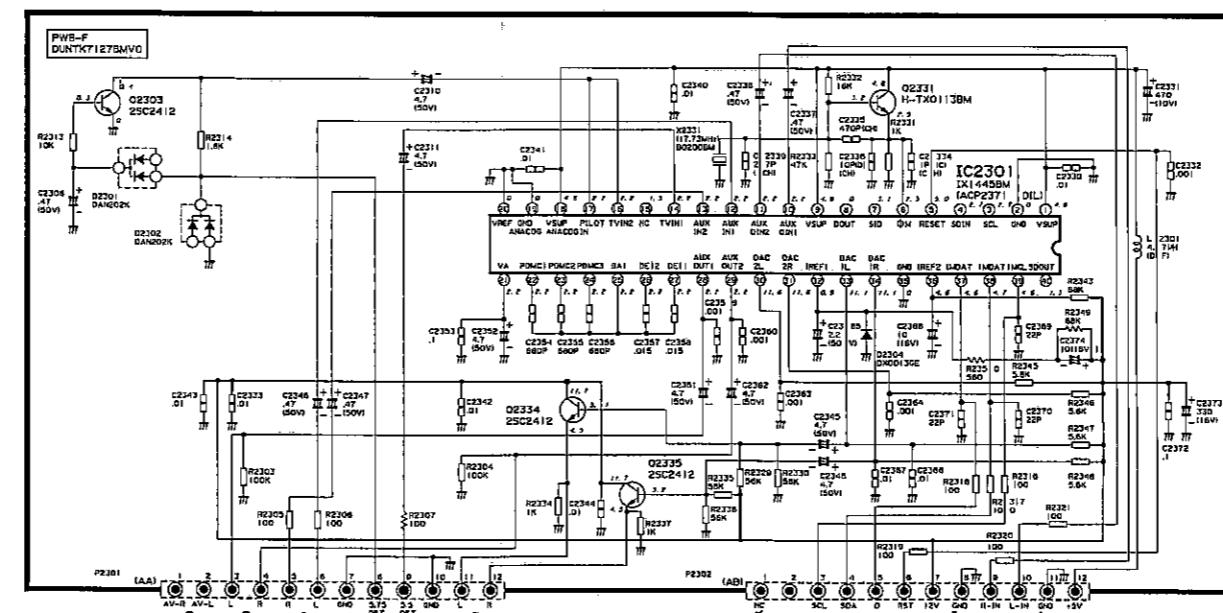
Control Unit



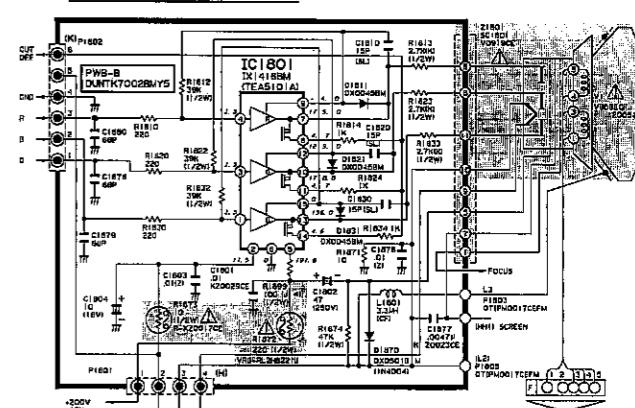
IF Unit



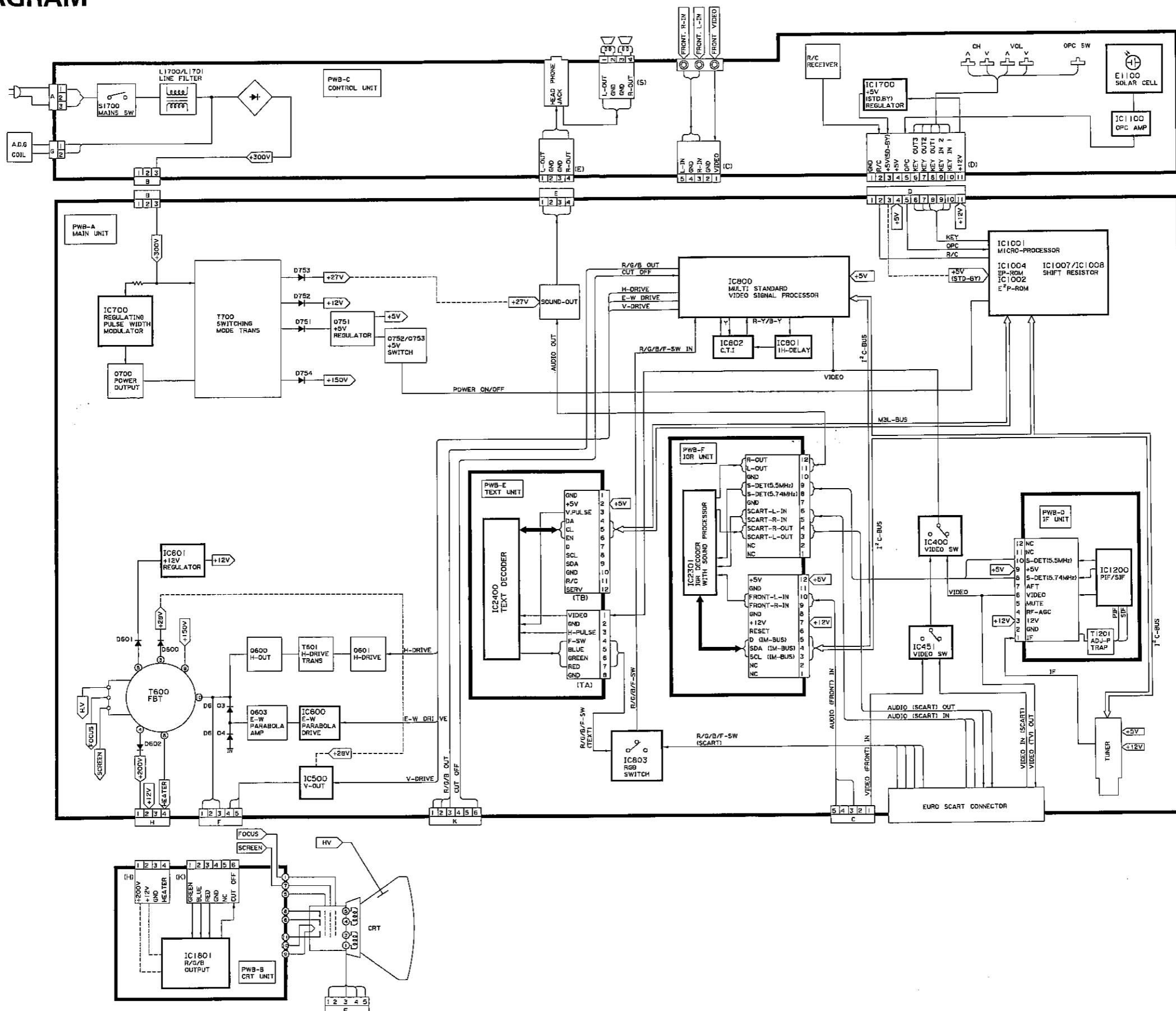
IGR Unit



CRT Socket Unit



BLOCK DIAGRAM



PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "▲" in the Replacement Parts Lists. The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER	2. REF. NO.
3. PART NO.	4. DESCRIPTION
5. CODE	6. QUANTITY

ERSATZTEILLISTE

AUSTAUSCH VON TEILEN

Ersatzteile, die besondere Sicherheitseigenschaften haben, sind in dieser Anleitung markiert. Elektrische Komponenten mit solchen Eigenschaften sind in den Ersatzteil durch "Δ" gekennzeichnet. Der Gebrauch von Ersatzteilen, die nicht dieselben Sicherheitseigenschaften haben wie die vom Hersteller empfohlenen und in der Bedienungsanleitung angegebenen, können zur Ursache von Blitzeinschlägen, Bränden und anderen Gefahren werden.

“WIE MAN ERSATZTEILE BESTELLT”

Damit Ihre Bestellung präzise und korrekt ausgeführt wird, geben Sie bitte folgende Informationen:

1. MODELL NR.	2. REF. NR.
3. ERSATZTEIL NR.	4. BESCHREIBUNG
5. KODE	6. QUANTITÄT

MARK ★: SPARE PARTS-DELIVERY SECTION

MARKIERUNG * : ERSATZTEILE LIEFERUNG

Ref. No. Part No. ★ Description Code

Ref. No. Part No. Description S. I.

PICTURE TUBE

PWB-A DUNTK7123CJV2
MOTHER UNIT

△ V1 VB59EAK7111*N S CRT Ass'y, 59 cm (25") CV
with Deflection Yoke,
Purity Magnet and Wedges
△ L1702 CCiLG0303WEV1 S Degaussing (ADG) Coil AU,
MSPRT0001CEFJ J CRT Spring AA

TUNER

INTEGRATED CIRCUITS				
IC200	VHiLM358P//-1	J	OP Amp.	AC
IC201	RH-iX0249CEZZ	J	Zener IC	AE
IC300	VHiTDA7263/-1	S	Sound Output	AP
IC400	VHiLA7016//-1	J	Video Switch	AH
IC451	VHiLA7016//-1	J	Video Switch	AH
IC500	RH-iX1163BMZZ	S	Vertical Output	AM
IC600	VHiLM358P//-1	J	E-W Parabola Drive	AC
IC601	RH-iX1185BMZZ	S	+12V Regulator	AG
⚠ IC700	RH-iX1487BMZZ	S	Regulating Pulse Width	AK

— End of PICTURE TUBE

PRINTED WIRING BOARD ASSEMBLIES

(NOT REPLACEMENT ITEM)

						Modulator	
PWB-A	DUNTK7123CJV2	-	Mother Unit (with PWB-D)	-	△ IC701	RH-FX0101BMZZ	S Photo Coupler
PWB-B	DUNTK7002BMY5	-	CRT Socket Unit	-	△ IC702	RH-FX0101BMZZ	S Photo Coupler
PWB-C	DUNTK7140CJV0	-	Control Unit	-	IC751	VHiSE140N//1	J AG
PWB-D	DUNTK7125CJV0	-	IF Unit	-	IC800	RH-iX1566BMZZ	S Multi Standard Video Signal Processor
PWB-E	DUNTK7126CJV1	-	TEXT Unit	-	IC801	RH-iX1495BMZZ	S 1H Delay
PWB-F	DUNTK7127CJV0	-	IGR Unit	-	IC802	VHiTDA4566/1	S C.T.I
				-	IC803	RH-iX1460BMZZ	S RGB Switch
				-	IC1001	RH-iX1481BMZZ	S Microprocessor
				-	IC1002	CH-iX1503CJS3	S E ² P-ROM
				-	IC1003	RH-iX1485BMZZ	S AR
				-	IC1004	CH-iX1412CJSR	S AK
				-	IC1005	VHiPST529C2-1	S AW
				-	IC1006	RH-iX1474BMZZ	S AD
				-	IC1007	RH-iX1475BMZZ	S AE
— End of P.W.B. ASS'Y —							

— End of PW B ASS'Y —

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A DUNTK7123CJV2					DIODES (Continued)				
MOTHER UNIT (Continued)									
TRANSISTORS									
Q200	VS2SC2412KQ-1	J	2SC2412	AA	D513	RH-EX0421BMZZ	S	Zener Diode	AA
Q300	VS2SC2412KQ-1	J	2SC2412	AA	D600	RH-DX0512BMZZ	S	IN4936	AB
Q400	VS2SC2412KQ-1	J	2SC2412	AA	D601	RH-DX0512BMZZ	S	IN4936	AB
Q402	VS2SC2412KQ-1	J	2SC2412	AA	D602	RH-DX0512BMZZ	S	IN4936	AB
Q403	VS2SC2412KQ-1	J	2SC2412	AA	D603	RH-DX0299BMZZ	S	BY228	AE
Q451	VS2SC2412KQ-1	J	2SC2412	AA	D604	RH-DX0301BMZZ	S	BY299	AD
Q501	RH-TX0102BMZZ	S	BC338	AB	D605	RH-DX0511BMZZ	S	IN4935	AB
Q600	VS2SD1546//2E	J	2SD1546	AN	D606	RH-DX0045BMZZ	S	1N4148	AA
Q601	VS2SC2271-D1A	J	2SC2271	AD	D607	RH-DX0045BMZZ	S	1N4148	AA
Q602	VS2SA1037KQ-1	J	2SA1037	AA	D608	RH-DX0045BMZZ	S	1N4148	AA
Q603	VS2SD1913S/1E	J	2SD1913S	AD	D609	RH-DX0045BMZZ	S	1N4148	AA
Q606	VS2SC2412KQ-1	J	2SC2412	AA	D610	RH-EX0408BMZZ	S	Zener Diode, 5.1V	AB
Q700	VS2SD1546//2E	J	2SD1546	AN	D611	RH-DX0045BMZZ	S	1N4148	AA
Q701	VS2SC2412KQ-1	J	2SC2412	AA	D612	RH-DX0045BMZZ	S	1N4148	AA
Q702	VS2SA1037KQ-1	J	2SA1037	AA	D613	RH-DX0045BMZZ	S	1N4148	AA
Q751	VS2SD1913S/1E	J	2SD1913S	AD	D615	RH-DX0045BMZZ	S	1N4148	AA
Q752	RH-TX0112BMZZ	S	BC636	AB	△ D701	RH-DX0299BMZZ	S	BY228	AE
Q753	VS2SC2412KQ-1	J	2SC2412	AA	△ D703	RH-EX0478BMZZ	S	Zener Diode	AB
Q754	VS2SA1037KQ-1	J	2SA1037	AA	△ D704	RH-EX0423BMZZ	S	Zener Diode	AB
Q803	VS2SA1037KQ-1	J	2SA1037	AA	△ D705	RH-DX0045BMZZ	S	1N4148	AA
Q804	RH-TX0102BMZZ	S	BC338	AB	△ D706	RH-DX0126CEZZ	J	AC	
Q805	VS2SA1037KQ-1	J	2SA1037	AA	△ D707	RH-DX0045BMZZ	S	1N4148	AA
Q806	VS2SC2412KQ-1	J	2SC2412	AA	△ D708	RH-EX0477BMZZ	S	Zener Diode	AB
Q807	VS2SC2412KQ-1	J	2SC2412	AA	△ D709	RH-DX0045BMZZ	S	1N4148	AA
Q808	VS2SC2412KQ-1	J	2SC2412	AA	△ D710	RH-DX0045BMZZ	S	1N4148	AA
Q809	VS2SC2412KQ-1	J	2SC2412	AA	△ D712	RH-DX0502BMZZ	S	IN4005	AA
Q1000	VS2SC2412KQ-1	J	2SC2412	AA	D751	RH-DX0514BMZZ	S	MR852	AC
Q1001	VS2SC2412KQ-1	J	2SC2412	AA	D752	RH-DX0511BMZZ	S	IN4935	AB
Q1002	VS2SC2412KQ-1	J	2SC2412	AA	D753	RH-DX0514BMZZ	S	MR852	AC
Q1004	VS2SC2412KQ-1	J	2SC2412	AA	D754	RH-DX0246CEZZ	J	AD	
Q1005	VS2SC2412KQ-1	J	2SC2412	AA	D755	RH-DX0045BMZZ	S	1N4148	AA
Q1006	VS2SC2412KQ-1	J	2SC2412	AA	D756	RH-EX0408BMZZ	S	Zener Diode, 5.1V	AB
Q1007	VS2SC2412KQ-1	J	2SC2412	AA	D757	RH-DX0045BMZZ	S	1N4148	AA
Q1008	VS2SA1037KQ-1	J	2SA1037	AA	D758	RH-DX0045BMZZ	S	1N4148	AA
Q1009	VS2SC2412KQ-1	J	2SC2412	AA	D759	RH-DX0045BMZZ	S	1N4148	AA
DIODES									
D200	RH-DX0045BMZZ	S	1N4148	AA	D760	RH-DX0045BMZZ	S	1N4148	AA
D202	RH-DX0045BMZZ	S	1N4148	AA	D761	RH-DX0045BMZZ	S	1N4148	AA
D301	RH-DX0045BMZZ	S	1N4148	AA	D762	RH-DX0045BMZZ	S	1N4148	AA
D451	RH-EX0409BMZZ	S	Zener Diode	AA	D800	RH-DX0045BMZZ	S	1N4148	AA
D461	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA	D801	RH-DX0045BMZZ	S	1N4148	AA
D462	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA	D802	RH-DX0045BMZZ	S	1N4148	AA
D463	RH-EX0412BMZZ	S	Zener Diode, 7.5V	AB	D803	RH-DX0045BMZZ	S	1N4148	AA
D464	RH-EX0412BMZZ	S	Zener Diode, 7.5V	AB	D805	RH-DX0045BMZZ	S	1N4148	AA
D500	RH-DX0501BMZZ	S	IN4004	AA	D806	RH-DX0045BMZZ	S	1N4148	AA
D501	RH-EX0437BMZZ	S	Zener Diode, 12V	AC	D808	RH-DX0045BMZZ	S	1N4148	AA
D502	RH-DX0501BMZZ	S	IN4004	AA	D1000	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA
D509	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA	D1001	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA
D510	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA	D1002	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA
D511	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA	D1003	RH-DX0045BMZZ	S	1N4148	AA
					D1004	RH-DX0045BMZZ	S	1N4148	AA
					D1006	VHDDAN202K/-1	J	DAN202K	AB
					D1007	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA
					D1008	RH-EX0409BMZZ	S	Zener Diode, 5.6V	AA
					D1009	RH-DX0045BMZZ	S	1N4148	AA
					D1010	RH-DX0045BMZZ	S	1N4148	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A DUNTK7123CJV2									
MOTHER UNIT (Continued)									
DIODES (Continued)									
D1011	RH-DX0045BMZZ	S	1N4148	AA	C304	VCEAGA1HW476M	J 47	50V Electrolytic	AB
D1012	RH-DX0045BMZZ	S	1N4148	AA	C305	VCEAGA1HW474M	J 0.47	50V Electrolytic	AA
D1013	RH-DX0045BMZZ	S	1N4148	AA	C306	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
D1015	RH-DX0045BMZZ	S	1N4148	AA	C307	VCEAGA1HW477M	J 470	50V Electrolytic	AD
D1016	RH-DX0045BMZZ	S	1N4148	AA	C308	VCEAGA1VW108M	J 1000	35V Electrolytic	AD
D1020	RH-DX0045BMZZ	S	1N4148	AA	C309	VCEAGA1VW108M	J 1000	35V Electrolytic	AD
PACKAGED CIRCUITS									
X801	RCRSB0200BMZZ	S	Crystal, 17.73 MHz	AG	C310	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
X1000	RCRSB0209BMZZ	S	Crystal, 11.0592 MHz	AG	C311	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
COIL AND TRANSFORMERS									
L200	VP-DF120K0000	J	Coil, 12 μ H	AB	C312	VCEAGA1CW476M	J 47	16V Electrolytic	AB
L201	VP-DF120K0000	J	Coil, 12 μ H	AB	C313	VCKYPA1HF103Z	J 0.01	50V Ceramic	AA
L204	VP-DF120K0000	J	Coil, 12 μ H	AB	C351	VCKYTV1HB102K	J 1000p	50V Ceramic	AA
L300	RCiLP0110CEZZ	J	Coil	AC	C352	VCEAGA1AW476M	J 47	10V Electrolytic	AA
L301	RCiLP0110CEZZ	J	Coil	AC	C353	VCKYTV1HB102K	J 1000p	50V Ceramic	AA
L600	RCiLP0105CEZZ	J	Coil, 1mH	AG	C354	VCEAGA1AW476M	J 47	10V Electrolytic	AA
L601	RCiLP0104CEZZ	J	Coil	AG	C355	VCKYTV1HB102K	J 1000p	50V Ceramic	AA
L602	RCiLi0599CEZZ	J	Coil	AG	C356	VCEAGA1CW106M	J 10	16V Electrolytic	AA
L603	RCiLP0088CEZZ	J	Coil, 3.3 μ H	AG	C358	VCEAGA1CW476M	J 47	16V Electrolytic	AB
△ L700	VP-CF3R3K0000	J	Coil, 3.3 μ H	AB	C359	VCEAGA1CW106M	J 10	16V Electrolytic	AA
△ L701	VP-CF1R0M0000	J	Coil, 1 μ H	AB	C360	VCEAGA1CW106M	J 10	16V Electrolytic	AA
L751	RCiLP0213BMZZ	S	Coil	AF	C361	VCKYTV1HB102K	J 1000p	50V Ceramic	AA
△ T600	RTRNF2021BMZZ	S	FlybackTrans. (FBT)	BH	C362	VCKYTV1HB102K	J 1000p	50V Ceramic	AA
T601	RTRNZ0447CEZZ	J	Horizontal DriveTrans.	AK	C400	VCEAGA1CW476M	J 47	16V Electrolytic	AB
△ T700	RTRNZ0519BMZZ	S	Switching ModeTrans.	AW	C403	VCEAGA1CW107M	J 100	16V Electrolytic	AB
CAPACITORS									
C200	VCKYTV1HF104Z	J 0.1	50V Ceramic	AA	C404	VCKYTV1HF104Z	J 0.1	50V Ceramic	AA
C201	VCEAGA1CW107M	J 100	16V Electrolytic	AB	C405	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C202	VCEAGA1CW476M	J 47	16V Electrolytic	AB	C406	VCEAGA1HW225M	J 2.2	50V Electrolytic	AB
C203	VCEAGA1CW476M	J 47	16V Electrolytic	AB	C407	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA
C204	VCEAGA1HW105M	J 1	50V Electrolytic	AC	C408	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C205	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C409	RC-FZ9473BMNJ	S 0.047	63V Mylar	AC
C206	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C410	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C208	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C411	VCEAGA0JW107M	J 100	6.3V Electrolytic	AB
C209	VCEAGA1HW106M	J 10	50V Electrolytic	AC	C413	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C210	VCEAGA1CW337M	J 330	16V Electrolytic	AC	C414	RC-FZ9332BMNJ	S 3300p	63V Mylar	AB
C211	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C415	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C212	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C416	VCCSTV1HL101J	J 100p	50V Ceramic	AA
C213	VCEAGA1HW105M	J 1	50V Electrolytic	AC	C417	VCEAGA1CW476M	J 47	16V Electrolytic	AB
C214	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	C420	VCEAGA1HW105M	J 1	50V Electrolytic	AC
C215	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C421	VCEAGA1CW476M	J 47	16V Electrolytic	AB
C216	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C422	VCEAGA1AW337M	J 330	10V Electrolytic	AB
C217	VCCSTV1HL101J	J 100p	50V Ceramic	AA	C423	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA
C218	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C424	VCEAGA1CW476M	J 47	16V Electrolytic	AB
C302	VCEAGA1HW476M	J 47	50V Electrolytic	AB	C426	VCKYTV1HF104Z	J 0.1	50V Ceramic	AA
C303	VCEAGA1HW474M	J 0.47	50V Electrolytic	AA	C427	VCCSTV1HL101J	J 100p	50V Ceramic	AA
CAPACITORS (Continued)									
C304	VCEAGA1HW476M	J 47	50V Electrolytic	AB	C428	VCCCTV1HH390J	J 39p	50V Ceramic	AA
C305	VCEAGA1HW474M	J 0.47	50V Electrolytic	AA	C429	VCCCTV1HH470J	J 47p	50V Ceramic	AA
C306	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	C430	VCCSTV1HL101J	J 100p	50V Ceramic	AA
C307	VCEAGA1HW477M	J 470	50V Electrolytic	AD	C451	VCCSTV1HL101J	J 100p	50V Ceramic	AA
C308	VCEAGA1VW108M	J 1000	35V Electrolytic	AD	C452	VCEAGA1CW476M	J 47	16V Electrolytic	AB
C309	VCEAGA1VW108M	J 1000	35V Electrolytic	AD	C453	VCEAGA0JW477M	J 470	6.3V Electrolytic	AB
C310	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	C454	VCEAGA1CW107M	J 100	16V Electrolytic	AB
C311	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	C455	VCEAGA1CW476M	J 47	16V Electrolytic	AB
C312	VCEAGA1CW476M	J 47	16V Electrolytic	AB	C457	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C313	VCKYPA1HF103Z	J 0.01	50V Ceramic	AA	C458	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C314	VCCSTV1HL101J	J 100p	50V Ceramic	AA	C459	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C315	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C460	VCEAGA1CW107M	J 100	16V Electrolytic	AB

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A DUNTK7123CJV2									
MOTHER UNIT (Continued)									
CAPACITORS (Continued)									
C461	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	△ C703	VCEAGA1EW337M	J 330	25V Electrolytic	AC
C462	VCCCTV1HH560J	J 56p	50V Ceramic	AA	△ C704	RC-FZ9103BMNJ	S 0.01	63V Mylar	AB
C500	RC-FZ9103BMNJ	S 0.01	63V Mylar	AB	△ C705	RC-FZ9222BMNJ	S 2200p	63V Mylar	AV
C501	VCEAGA1HW107M	J 100	50V Electrolytic	AC	△ C706	RC-KZ0036CEZZ	J 330p	2kV Ceramic	AB
C502	RC-FZ9684BMNJ	S 0.68	63V Mylar	AD	△ C707	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C504	RC-FZ9474BMNJ	S 0.47	63V Mylar	AD	△ C708	RC-FZ9102BMNJ	S 1000p	63V Mylar	AB
C506	VCEAGA1VW107M	J 100	35V Electrolytic	AC	△ C709	VCKYPA2HB102K	J 1000p	500V Ceramic	AA
C507	RC-FZ9823BMNJ	S 0.082	63V Mylar	AB	△ C710	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C508	VCKYPA1HB102K	J 1000p	50V Ceramic	AA	△ C711	VCFFPD3CA472H	J 4700p	1.6kV Polypro FilmAD	
C510	VCKYTV1HF473Z	J 0.047	50V Ceramic	AB	△ C712	VCEAGA1HW107M	J 100	50V Electrolytic	AC
C511	VCEAGH1VW228M	J 2200	35V Electrolytic	AG	△ C714	VCEAGA1HW475M	J 4.7	50V Electrolytic	AB
C512	VCEAGA1CW107M	J 100	16V Electrolytic	AB	△ C715	VCEAGA1CW476M	J 47	16V Electrolytic	AB
C513	RC-FZ9105BMNJ	S 1	63V Mylar	AD	△ C749	RC-KZ0156CEZZ	J 3300p	4kV Ceramic	AG
C514	VCCSTV1HL471J	J 470p	50V Ceramic	AA	C751	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C519	VCCSPA1HL331J	J 330p	50V Ceramic	AA	C752	VCKYPA2HB221K	J 220p	500V Ceramic	AA
C520	VCCSPA1HL331J	J 330p	50V Ceramic	AA	C753	VCKYPA2HB221K	J 220p	500V Ceramic	AA
C600	RC-FZ9103BMNJ	S 0.01	63V Mylar	AB	C754	VCEAGA1CW228M	J 2200	16V Electrolytic	AE
C601	VCEAGA1CW106M	J 10	16V Electrolytic	AA	C755	VCEAGA1CW108M	J 1000	16V Electrolytic	AD
C602	VCEAGA1CW106M	J 10	16V Electrolytic	AA	C756	RC-KZ0035CEZZ	J 220p	2kV Ceramic	AB
C603	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	C757	RC-FZ9103BMNJ	S 0.01	63V Mylar	AB
C604	RC-FZ9222BMNJ	S 2200p	63V Mylar	AB	C758	VCEAGA1HW106M	J 10	50V Electrolytic	AC
C605	RC-FZ9473BMNJ	S 0.047	63V Mylar	AC	C759	RC-KZ0035CEZZ	J 220p	2kV Ceramic	AB
C606	VCKYPA1HB102K	J 1000p	50V Ceramic	AA	C760	RC-EZ0258CEZZ	J 100	200V Electrolytic	AH
C607	RC-FZ9103BMNJ	S 0.01	63V Mylar	AB	C761	VCEAGH1VW228M	J 2200	35V Electrolytic	AG
C610	VCFFPD3ZA113J	S 0.011	1.8kV Polypro FilmAF		C762	VCEAGH1VW228M	J 2200	35V Electrolytic	AG
C611	VCQPSC2GA273K	J 0.027	400V Polypro FilmAB		C763	VCKYPA2HB221K	J 220p	500V Ceramic	AA
C614	RC-FZ6474BMNJ	S 0.47	250V Mylar	AE	C764	VCEAGA1AW108M	J 1000	10V Electrolytic	AC
C615	RC-FZ6564BMNJ	S 0.56	250V Mylar	AF	C765	VCEAGA1CW106M	J 10	16V Electrolytic	AA
C616	VCCSPA1HL221J	J 220p	50V Ceramic	AA	C802	VCCSTV1HH121J	J 120P	50V Ceramic	AA
C617	RC-FZ6564BMNJ	S 0.56	250V Mylar	AF	C803	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA
C618	RC-FZ6474BMNJ	S 0.47	250V Polypro FilmAE		C804	VCEAGA1HW105M	J 1	50V Electrolytic	AC
C619	RC-FZ9103BMNJ	S 0.01	63V Mylar	AB	C805	VCEAGA1HW105M	J 1	50V Electrolytic	AC
C620	VCKYPA2HB121K	J 120p	500V Ceramic	AA	C806	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA
C621	VCKYPA2HB102K	J 1000p	500V Ceramic	AA	C807	VCEAGA0JW107M	J 100	6.3V Electrolytic	AB
C622	RC-FZ7104BMNJ	S 0.1	400V Polypro FilmAD		C808	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C623	VCEAGA1HW475M	J 4.7	50V Electrolytic	AB	C809	VCEAGA1CW226M	J 22	16V Electrolytic	AB
C625	RC-FZ7224BMNJ	S 0.22	400V Mylar	AE	C810	VCEAGA1CW226M	J 22	16V Electrolytic	AB
C626	VCEAGA1HW106M	J 10	50V Electrolytic	AC	C811	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C627	VCEAGA2EW106M	J 10	250V Electrolytic	AC	C812	VCEAGA0JW107M	J 100	6.3V Electrolytic	AB
C628	VCEAGA1CW107M	J 100	16V Electrolytic	AB	C813	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA
C629	VCEAGA1EW477M	J 470	25V Electrolytic	AD	C814	VCEAGA1HW475M	J 4.7	50V Electrolytic	AB
C630	VCKYPA2HB471K	J 470p	500V Ceramic	AA	C815	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C631	VCKYPA2HB471K	J 470p	500V Ceramic	AA	C816	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C632	VCKYPA2HB471K	J 470p	500V Ceramic	AA	C817	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C633	VCEAGH1VW228M	J 2200	35V Electrolytic	AG	C818	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C638	VCEAGA1HW475M	J 4.7	50V Electrolytic	AB	C819	VCCSTV1HL101J	J 100p	50V Ceramic	AA
C639	RC-KZ0024CEZZ	J 1000p	2kV Ceramic	AC	C820	VCCSTV1HL101J	J 100p	50V Ceramic	AA
C640	RC-FZ9474BMNJ	S 0.047	63V Mylar	AD	C821	VCKYTV1HB331K	S 330p	50V Ceramic	AA
C641	VCKYPA1HF103Z	J 0.01	50V Ceramic	AA	C822	VCKYTV1HB221K	S 220p	50V Ceramic	AA
C643	VCCSTV1HH470J	J 47p	50V Ceramic	AA	C823	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
C644	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	C824	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
△ C702	RC-EZ0109BMZZ	S 330	385V Electrolytic	AW	C825	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA
CAPACITORS (Continued)									

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A DUNTK7123CJV2									
MOTHER UNIT (Continued)									
CAPACITORS (Continued)									
C829	VCEAGA0JW476M	J 47	6.3V Electrolytic	AB	R219	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
C831	VCEAGA1CW476M	J 47	16V Electrolytic	AB	R220	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
C832	VCCCTV1HH680J	J 68p	50V Ceramic	AA	R300	VRS-TV1JD123J	J 12k	1/16W Metal Oxide	AA
C833	VCEAGA1CW107M	J 100	16V Electrolytic	AB	R301	VRS-TV1JD123J	J 12k	1/16W Metal Oxide	AA
C834	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	R303	VRS-TV1JD822J	J 8.2k	1/16W Metal Oxide	AA
C835	VCEAGA1CW476M	J 47	16V Electrolytic	AB	R305	VRS-TV1JD822J	J 8.2k	1/16W Metal Oxide	AA
C836	VCKYTV1HB221K	S 220p	50V Ceramic	AA	R306	VRD-RA2EE470J	J 47	1/4W Carbon	AA
C837	VCCSTV1HL101J	J 100p	50V Ceramic	AA	R307	VRD-RA2HD152J	J 1.5k	1/2W Carbon	AA
C838	VCCSTV1HL101J	J 100p	50V Ceramic	AA	R308	VRD-RA2EE470J	J 47	1/4W Carbon	AA
C839	VCKYTV1HF104Z	J 0.1	50V Ceramic	AA	R309	VRD-RA2HD152J	J 1.5k	1/2W Carbon	AA
C840	VCKYTV1HF104Z	J 0.1	50V Ceramic	AA	△ R310	RR-XZ0208BMZ	S 4.7	1/2W Fuse Resistor	AA
C842	VCCCTV1HH470J	J 47p	50V Ceramic	AA	△ R311	RR-XZ0208BMZ	S 4.7	1/2W Fuse Resistor	AA
C845	VCCCTV1HH470J	J 47p	50V Ceramic	AA	R312	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
C846	VCCCTV1HH470J	J 47p	50V Ceramic	AA	R313	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
C847	VCCCTV1HH470J	J 47p	50V Ceramic	AA	R314	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
C848	VCCCTV1HH330J	J 33p	50V Ceramic	AA	R315	VRS-TV1JD100J	J 10	1/16W Metal Oxide	AA
C849	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	R351	VRS-TV1JD104J	J 100k	1/16W Metal Oxide	AA
C1000	VCEAGA0JW107M	J 100	6.3V Electrolytic	AB	R352	VRS-TV1JD104J	J 100k	1/16W Metal Oxide	AA
C1001	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	R354	VRS-TV1JD104J	J 100k	1/16W Metal Oxide	AA
C1003	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	R358	VRS-TV1JD104J	J 100k	1/16W Metal Oxide	AA
C1004	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	△ R363	RR-XZ0112BMZ	S 10	1/3W Fuse Resistor	AB
C1005	VCEAGA1HW106M	J 10	50V Electrolytic	AC	R371	VRD-RA2BE472J	J 4.7k	1/8W Carbon	AA
C1006	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	R372	VRD-RA2BE102J	J 1k	1/8W Carbon	AA
C1007	VCEAGA1HW106M	J 10	50V Electrolytic	AC	R373	VRD-RA2BE472J	J 4.7k	1/8W Carbon	AA
C1008	VCCCTV1HH220J	J 22p	50V Ceramic	AA	R374	VRD-RA2BE102J	J 1k	1/8W Carbon	AA
C1009	VCCCTV1HH220J	J 22p	50V Ceramic	AA	R375	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
C1010	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	R376	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
C1011	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB	R377	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
C1012	VCEAGA1CW226M	J 22	16V Electrolytic	AB	R401	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
C1013	VCEAGA1HW225M	J 2.2	50V Electrolytic	AB	R404	VRS-TV1JD122J	J 1.2k	1/16W Metal Oxide	AA
C1060	VCKYTV1HB102K	J 1000p	50V Ceramic	AA	R405	VRS-TV1JD273J	J 27k	1/16W Metal Oxide	AA
RESISTORS									
△ R200	RR-XZ0212BMZ	S 10	1/2W	Fuse Resistor AB	R406	VRS-TV1JD822J	J 8.2k	1/16W Metal Oxide	AA
R201	VRS-TV1JD101J	J 100	1/16W	Metal Oxide AA	R407	VRS-TV1JD681J	J 680	1/16W Metal Oxide	AA
△ R202	RR-XZ0212BMZ	S 10	1/2W	Fuse Resistor AB	R408	VRS-TV1JD100J	J 10	1/16W Metal Oxide	AA
R203	VRD-RA2BE331J	J 330	1/4W	Carbon AA	R409	VRD-RA2BE561J	J 560	1/8W Carbon	AA
R207	VRS-TV1JD332J	J 3.3k	1/16W	Metal Oxide AA	R410	VRD-RA2BE391J	J 390	1/8W Carbon	AA
R208	VRS-TV1JD332J	J 3.3k	1/16W	Metal Oxide AA	R411	VRS-TV1JD513J	J 51k	1/16W Metal Oxide	AA
R209	VRS-TV1JD102J	J 1k	1/16W	Metal Oxide AA	R412	VRD-RA2BE331J	J 330	1/8W Carbon	AA
R210	VRS-TV1JD102J	J 1k	1/16W	Metal Oxide AA	△ R413	RR-XZ0212BMZ	S 10	1/2W	Fuse Resistor AB
R211	VRS-TV1JD102J	J 1k	1/16W	Metal Oxide AA	R421	VRS-TV1JD473J	J 47k	1/16W	Metal Oxide AA
R212	VRD-RA2BE101J	J 100	1/8W	Carbon AA	R422	VRS-TV1JD561J	J 560	1/16W	Metal Oxide AA
R213	VRD-RA2BE101J	J 100	1/8W	Carbon AA	R423	VRS-TV1JD122J	J 1.2k	1/16W	Metal Oxide AA
R214	VRD-RA2HD392J	J 3.9k	1/2W	Carbon AA	R425	VRS-TV1JD750J	J 75	1/16W	Metal Oxide AA
R215	VRD-RA2HD392J	J 3.9k	1/2W	Carbon AA	R426	VRS-TV1JD560J	J 56	1/16W	Metal Oxide AA
R216	VRD-RA2HD392J	J 3.9k	1/2W	Carbon AA	R451	VRD-RA2EE820J	J 82	1/4W	Carbon AA
R217	VRD-RA2HD392J	J 3.9k	1/2W	Carbon AA	R452	VRD-RA2EE4R7J	J 4.7	1/4W	Carbon AA
R218	VRS-TV1JD681J	J 680	1/16W	Metal Oxide AA	R453	VRS-TV1JD102J	J 1k	1/16W	Metal Oxide AA
RESISTORS (Continued)									
R301	VRS-TV1JD123J	J 12k	1/16W	Metal Oxide AA	R454	VRD-RA2HD680J	J 68	1/2W	Carbon AA
R303	VRS-TV1JD822J	J 8.2k	1/16W	Metal Oxide AA	R455	VRD-RA2HD471J	J 470	1/2W	Carbon AA
R305	VRS-TV1JD822J	J 8.2k	1/16W	Metal Oxide AA	R456	VRS-TV1JD153J	J 15k	1/16W	Metal Oxide AA
R306	VRD-RA2EE470J	J 47	1/4W	Carbon AA	△ R457	RR-XZ0212BMZ	S 10	1/2W	Fuse Resistor AB
R307	VRD-RA2HD152J	J 1.5k	1/2W	Carbon AA	R458	VRS-TV1JD183J	J 18k	1/16W	Metal Oxide AA
R308	VRD-RA2EE470J	J 47	1/4W	Carbon AA	R461	VRS-TV1JD103J	J 10k	1/16W	Metal Oxide AA
R309	VRD-RA2HD152J	J 1.5k	1/2W	Carbon AA	R463	VRS-TV1JD471J	J 470	1/16W	Metal Oxide AA
R310	RR-XZ0208BMZ	S 4.7	1/2W	Fuse Resistor AA	R464	VRS-TV1JD471J	J 470	1/16W	Metal Oxide AA
R311	RR-XZ0208BMZ	S 4.7	1/2W	Fuse Resistor AA					

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A DUNTK7123CJV2									
MOTHER UNIT (Continued)									
RESISTORS (Continued)									
R465	VRD-RA2EE820J	J 82	1/4W Carbon	AA	R622	VRD-RA2HD472J	J 4.7k	1/2W Carbon	AA
R466	VRD-RA2EE820J	J 82	1/4W Carbon	AA	R623	VRD-RA2HD103J	J 10k	1/2W Carbon	AA
R467	VRS-TV1JD471J	J 470	1/16W Metal Oxide	AA	R625	VRD-RA2HD102J	J 1k	1/2W Carbon	AA
R468	VRS-TV1JD471J	J 470	1/16W Metal Oxide	AA	△ R626	RR-XZ0200BMZZ	S 1	1/2W Fuse Resistor AB	
R469	VRD-RA2EE820J	J 82	1/4W Carbon	AA	R628	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
R470	VRS-TV1JD471J	J 470	1/16W Metal Oxide	AA	R629	VRD-RA2HD103J	J 10k	1/2W Carbon	AA
R471	VRS-TV1JD151J	J 150	1/16W Metal Oxide	AA	R630	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
R472	VRS-TV1JD471J	J 470	1/16W Metal Oxide	AA	△ R631	RR-XZ0200BMZZ	S 1	1/2W Fuse Resistor AB	
R473	VRS-TV1JD151J	J 150	1/16W Metal Oxide	AA	R632	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
△ R475	RR-XZ0112BMZZ	S 10	1/3W Fuse Resistor AB		R634	VRD-RA2HD220J	J 22	1/2W Carbon	AA
R476	VRS-TV1JD560J	J 56	1/16W Metal Oxide	AA	R637	VRN-VV3AB1R2J	J 1.2	1W Metal Film	AA
R500	VRD-RA2BE682J	J 6.8k	1/8W Carbon	AA	R638	VRD-RA2BE473J	J 47k	1/8W Carbon	AA
R501	VRD-RA2BE153J	J 15k	1/8W Carbon	AA	R639	VRS-TV1JD683J	J 68k	1/16W Metal Oxide	AA
R502	VRD-RA2BE562J	J 5.6k	1/8W Carbon	AA	R640	VRD-RA2BE222J	J 2.2k	1/8W Carbon	AA
△ R503	RR-XZ0200BMZZ	S 1	1/2W Fuse Resistor AB		R641	VRS-TV1JD563J	J 56k	1/16W Metal Oxide	AA
R504	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	R645	VRN-VV3AB1R0J	J 1	1W Metal Film	AA
R505	VRS-TV1JD823J	J 82k	1/16W Metal Oxide	AA	R647	VRD-RA2EE102J	J 1k	1/4W Carbon	AA
R506	VRD-RA2HD561J	J 560	1/2W Carbon	AA	R648	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R507	VRD-RA2HD561J	J 560	1/2W Carbon	AA	R649	VRS-TV1JD223J	J 22k	1/16W Metal Oxide	AA
R508	VRS-TV1JD392J	J 3.9k	1/16W Metal Oxide	AA	R650	VRD-RA2EE155J	J 1.5M	1/4W Carbon	AA
R509	VRS-TV1JD123J	J 12k	1/16W Metal Oxide	AA	R651	VRS-TV1JD682J	J 6.8k	1/16W Metal Oxide	AA
R510	VRN-VV3ABR82J	J 0.82	1W Metal Film	AA	R652	VRS-TV1JD333J	J 33k	1/16W Metal Oxide	AA
R511	VRS-VV3DB151J	J 150	2W Metal Oxide	AA	R653	VRS-TV1JD105J	J 1M	1/16W Metal Oxide	AA
R512	VRS-VV3DB271J	J 270	2W Metal Oxide	AA	△ R657	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R513	VRD-RA2BE101J	J 100	1/8W Carbon	AA	R658	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R514	VRD-RA2BE101J	J 100	1/8W Carbon	AA	R659	VRS-TV1JD561J	J 560	1/16W Metal Oxide	AA
R517	VRS-TV1JD123J	J 12k	1/16W Metal Oxide	AA	△ R701	VRS-TV1JD123J	J 12k	1/16W Metal Oxide	AA
R518	VRS-TV1JD221J	J 220	1/16W Metal Oxide	AA	△ R702	VRD-RA2BE562J	J 5.6k	1/8W Carbon	AA
R520	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	△ R705	VRD-RA2EE474J	J 470k	1/4W Carbon	AA
R521	VRS-TV1JD472J	J 4.7k	1/16W Metal Oxide	AA	△ R706	VRS-TV1JD392J	J 3.9k	1/16W Metal Oxide	AA
R522	VRD-RA2HD122J	J 1.2k	1/2W Carbon	AA	△ R707	VRD-RA2HD271J	J 270	1/2W Carbon	AA
R523	VRD-RA2HD122J	J 1.2k	1/2W Carbon	AA	△ R708	VRD-RA2HD102J	J 1k	1/2W Carbon	AA
R600	VRD-RA2BE682J	J 6.8k	1/8W Carbon	AA	△ R710	VRS-VV3DB104J	J 100k	2W Metal Oxide	AB
R601	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	△ R711	VRS-VV3DB473J	S 47k	2W Metal Oxide	AB
R602	VRS-TV1JD184J	J 180k	1/16W Metal Oxide	AA	△ R712	VRS-VV3DB120J	J 12	2W Metal Oxide	AA
R605	VRD-TV1JD102J	J 1k	1/16W Metal Oxide	AA	△ R714	VRD-RA2BE102J	J 1k	1/8W Carbon	AA
R606	VRS-TV1JD274J	J 270k	1/16W Metal Oxide	AA	△ R715	VRN-VV3DBR56J	J 0.56	2W Metal Film	AA
R607	VRD-RA2EE225J	J 2.2M	1/4W Carbon	AA	△ R716	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R608	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	△ R718	VRS-TV1JD472J	J 4.7k	1/16W Metal Oxide	AA
R609	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	△ R719	VRS-TV1JD472J	J 4.7k	1/16W Metal Oxide	AA
R610	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	△ R720	VRS-TV1JD472J	J 4.7k	1/16W Metal Oxide	AA
△ R611	RR-XZ0204BMZZ	S 2.2	1/2W Fuse Resistor AB		△ R721	VRD-RA2HD273J	J 27k	1/2W Carbon	AA
R612	VRW-KX3HC682K	J 6.8k	5W Cement	AD	△ R722	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R613	VRD-RA2HD472J	J 4.7k	1/2W Carbon	AA	△ R723	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
R614	VRS-TV1JD270J	J 27	1/16W Metal Oxide	AA	△ R724	VRD-RA2HD101J	J 100	1/2W Carbon	AA
△ R615	RR-XZ0200BMZZ	S 1	1/2W Fuse Resistor AB		△ R725	VRN-VV3DBR56J	J 0.56	2W Metal Film	AA
R617	VRW-KQ4AC100K	S 10	10W Cement	AD	△ R729	VRC-UA2HG825K	J 8.2M	1/2W Solid	AA
R618	VRD-RA2HD102J	J 1k	1/2W Carbon	AA	△ R730	VRC-UA2HG825K	J 8.2M	1/2W Solid	AA
R619	VRD-RA2HD390J	J 39	1/2W Carbon	AA	△ R752	RR-XZ0200BMZZ	S 1	1/2W Fuse Resistor AB	
△ R620	RR-XZ0219BMZZ	S 39	1/2W Fuse Resistor AB		R753	VRD-RA2EE221J	J 220	1/4W Carbon	AA
R621	VRD-RA2HD472J	J 4.7k	1/2W Carbon	AA	R754	VRD-RA2EE221J	J 220	1/4W Carbon	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A DUNTK7123CJV2									
MOTHER UNIT (Continued)									
RESISTORS (Continued)									
R759	VRD-RA2HD221J	J 220	1/2W Carbon	AA	R854	VRS-TV1JD391J	J 390	1/16W Metal Oxide	AA
R760	VRD-RA2BE102J	J 1k	1/8W Carbon	AA	R855	VRS-TV1JD104J	J 100k	1/16W Metal Oxide	AA
R761	VRS-VV3LB331J	J 330	3W Metal Oxide	AB	R1000	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R762	VRD-RA2HD222J	J 2.2k	1/2W Carbon	AA	R1001	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R764	VRN-VV3DB2R2J	J 2.2	2W Metal Film	AB	R1002	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R765	VRD-RA2BE103J	J 10k	1/8W Carbon	AA	R1003	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R766	VRD-RA2BE102J	J 1k	1/8W Carbon	AA	R1004	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R767	VRD-RA2BE102J	J 1k	1/8W Carbon	AA	R1005	VRS-TV1JD392J	J 3.9k	1/16W Metal Oxide	AA
R768	VRD-RA2HD221J	J 220	1/2W Carbon	AA	R1006	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R769	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	R1007	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R770	VRN-KT3LB1R5J	J 1.5	3W Metal Film	AC	R1008	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R771	VRD-RA2HD221J	J 220	1/2W Carbon	AA	R1009	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R800	VRS-TV1JD683J	J 68k	1/16W Metal Oxide	AA	R1010	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
△ R801	RR-XZ0108BMZZ	S 4.7	1/3W Fuse Resistor	AB	R1011	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R802	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA	R1013	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R805	VRS-TV1JD122J	J 1.2k	1/16W Metal Oxide	AA	R1014	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
△ R806	RR-XZ0112BMZZ	S 10	1/3W Fuse Resistor	AB	R1015	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA
R807	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R1016	VRS-TV1JD223J	J 22k	1/16W Metal Oxide	AA
R808	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R1017	VRS-TV1JD823J	J 82k	1/16W Metal Oxide	AA
R809	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R1018	VRS-TV1JD472J	J 4.7k	1/16W Metal Oxide	AA
R810	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R1019	VRS-TV1JD334J	J 330k	1/16W Metal Oxide	AA
R821	VRS-TV1JD331J	J 330	1/16W Metal Oxide	AA	R1020	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R822	VRS-TV1JD331J	J 330	1/16W Metal Oxide	AA	R1023	VRS-TV1JD123J	J 12k	1/16W Metal Oxide	AA
R823	VRS-TV1JD331J	J 330	1/16W Metal Oxide	AA	R1024	VRS-TV1JD123J	J 12k	1/16W Metal Oxide	AA
R824	VRS-TV1JD221J	J 220	1/16W Metal Oxide	AA	R1025	VRS-TV1JD100J	J 10	1/16W Metal Oxide	AA
R825	VRS-TV1JD473J	J 47k	1/16W Metal Oxide	AA	R1026	VRS-TV1JD100J	J 10	1/16W Metal Oxide	AA
R826	VRS-TV1JD473J	J 47k	1/16W Metal Oxide	AA	R1027	VRS-TV1JD100J	J 10	1/16W Metal Oxide	AA
R827	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R1028	VRS-TV1JD100J	J 10	1/16W Metal Oxide	AA
R830	VRS-TV1JD391J	J 390	1/16W Metal Oxide	AA	R1029	VRS-TV1JD100J	J 10	1/16W Metal Oxide	AA
R831	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	R1030	VRD-RA2BE101J	J 100	1/8W Carbon	AA
R832	VRS-TV1JD223J	J 22k	1/16W Metal Oxide	AA	R1031	VRS-TV1JD821J	J 820	1/16W Metal Oxide	AA
R833	VRS-TV1JD331J	J 330	1/16W Metal Oxide	AA	R1032	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
R834	VRS-TV1JD271J	J 270	1/16W Metal Oxide	AA	R1033	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R835	VRS-TV1JD121J	J 120	1/16W Metal Oxide	AA	R1035	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R836	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	R1036	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R837	VRS-TV1JD562J	J 5.6k	1/16W Metal Oxide	AA	R1037	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R838	VRD-RA2HD470J	J 47	1/2W Carbon	AA	R1038	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
△ R839	RR-XZ0112BMZZ	S 10	1/3W Fuse Resistor	AB	R1039	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R840	VRS-TV1JD183J	J 18k	1/16W Metal Oxide	AA	R1040	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
R841	VRS-TV1JD472J	J 4.7k	1/16W Metal Oxide	AA	R1041	VRS-TV1JD122J	J 1.2k	1/16W Metal Oxide	AA
R842	VRS-TV1JD472J	J 4.7k	1/16W Metal Oxide	AA	R1043	VRS-TV1JD392J	J 3.9k	1/16W Metal Oxide	AA
R843	VRS-TV1JD471J	J 470	1/16W Metal Oxide	AA	R1044	VRS-TV1JD104J	J 100k	1/16W Metal Oxide	AA
△ R844	RR-XZ0112BMZZ	S 10	1/3W Fuse Resistor	AB	R1045	VRS-TV1JD681J	J 680	1/16W Metal Oxide	AA
R845	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA	R1046	VRS-TV1JD332J	J 3.3k	1/16W Metal Oxide	AA
R846	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA	R1047	VRS-TV1JD123J	J 12k	1/16W Metal Oxide	AA
R847	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R1048	VRD-RA2BE101J	J 100	1/8W Carbon	AA
R848	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R1049	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R849	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA	R1051	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
R850	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA	R1052	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R851	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA	R1053	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R852	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R1054	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R853	VRS-TV1JD561J	J 560	1/16W Metal Oxide	AA	R1056	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
					R1057	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
					R1058	VRS-TV1JD271J	J 270	1/16W Metal Oxide	AA
					R1059	VRS-TV1JD473J	J 47k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A DUNTK7123CJV2									
MOTHER UNIT (Continued)									
MISCELLANEOUS PARTS									
FB351 RBLN-0037CEZZ J Ferrite Bead AB									
FB300 RBLN-0037CEZZ J Ferrite Bead AB									
FB301 RBLN-0037CEZZ J Ferrite Bead AB									
FB600 RBLN-0010CEZZ J Ferrite Bead AC									
FB601 RBLN-0010CEZZ J Ferrite Bead AC									
△ FB700 RBLN-0037CEZZ J Ferrite Bead AB									
FB751 RBLN-0037CEZZ J Ferrite Bead AB									
FB752 RBLN-0037CEZZ J Ferrite Bead AB									
FB755 RBLN-0037CEZZ J Ferrite Bead AB									
△ F751 QFS-J2521GEZZ J IC Protector AE									
△ F753 QFS-J4021GEZZ J IC Protector AE									
P300 QPLGN0441CEZZ J Plug 4-pin, (E)X(S) AB									
P301 QPLGN0541CEZZ J Plug 5-pin, (C) AB									
P600 QPLGN0505CEZZ J Plug 5-pin, (F) AB									
P601 QPLGN0441CEZZ J Plug 4-pin, (H) AB									
P602 QPLGN0160CEZZ J Plug 1-pin, (L2) AB									
△ P700 QPLGN0304CEZZ J Plug 3-pin, (B) AB									
P800 QPLGN0641CEZZ J Plug 6-pin, (K) AB									
P1000 QPLGN1141CEZZ J Plug 11-pin, (D) AB									
SC200 QSOCN1285CEZZ J Socket 12-pin, (FA) AD									
SC300 QSOCN1285CEZZ J Socket 12-pin, (AA) AD									
SC301 QSOCN1285CEZZ J Socket 12-pin, (AB) AD									
SC400 QSOCN0885CEZZ J Socket 8-pin, (TA) AC									
SC401 QSOCN1285CEZZ J Socket 12-pin, (TB) AD									
△ SC800 QSOCZ0106BMZZ S Socket 21-pin, Euro Scart AE									
SC1000 QSOCZ0100BMZZ S Socket 11-pin AB									
SC1001 QSOCZ0101BMZZ S Socket AD									
COIL									
L1801 VP-CF3R3K0000 J Coil, 3.3μH AB									
CAPACITORS									
C1801 RC-KZ0029CEZZ J 0.01 Ceramic AC									
C1802 VCEAGH2EW476M J 47 250V Electrolytic AE									
C1803 VCKYPA1HF103Z J 0.01 50V Ceramic AA									
C1804 VCEAGA1CW106M J 10 16V Electrolytic AA									
C1810 VCCSPA1HL150J J 15p 50V Ceramic AA									
C1820 VCCSPA1HL150J J 15p 50V Ceramic AA									
C1830 VCCSPA1HL150J J 15p 50V Ceramic AA									
C1876 VCKYPA1HF103Z J 0.01 50V Ceramic AA									
C1877 RC-KZ0023CEZZ J 4700p Ceramic AD									
C1878 VCCSD41HL680J J 68p 50V Ceramic AA									
C1879 VCCSD41HL680J J 68p 50V Ceramic AA									
C1880 VCCSD41HL680J J 68p 50V Ceramic AA									
RESISTORS									
R1810 VRD-RA2BE221J J 220 1/8W Carbon AA									
R1812 VRD-RA2HD393J J 39k 1/2W Carbon AA									
R1813 VRC-MA2HG272K J 2.7k 1/2W Solid AA									
R1814 VRD-RA2BE102J J 1k 1/8W Carbon AA									
R1820 VRD-RA2BE221J J 220 1/8W Carbon AA									
R1822 VRD-RA2HD393J J 39k 1/2W Carbon AA									
R1823 VRC-MA2HG272K J 2.7k 1/2W Solid AA									
R1824 VRD-RA2BE102J J 1k 1/8W Carbon AA									
R1830 VRD-RA2BE221J J 220 1/8W Carbon AA									
R1832 VRD-RA2HD393J J 39k 1/2W Carbon AA									
R1833 VRC-MA2HG272K J 2.7k 1/2W Solid AA									
R1834 VRD-RA2BE102J J 1k 1/8W Carbon AA									
R1871 VRD-RA2BE100J J 10 1/8W Carbon AA									
△ R1872 VRG-RL2HB221J J 220 1/2W Fuse Resistor AB									
△ R1873 RR-XZ0017CEZZ J 10 1/2W Fuse Resistor AB									
R1874 VRD-RA2HD473J J 47k 1/2W Carbon AA									
R1899 VRD-RA2HD101J J 100 1/2W Carbon AA									
MISCELLANEOUS PARTS									
P1801 QPLGN0441CEZZ J Plug 4-pin, (H) AB									
P1802 QPLGN0641CEZZ J Plug 6-pin, (K) AB									
P1803 QTiPM0017CEFM J Tip, (L3) AA									
P1805 QTiPM0017CEFM J Tip, (L2) AA									
△ SC1801 QSOCV0919CEZZ J CRT Socket AH									

— End of PWB-A —

PWB-B DUNTK7002BMY5**CRT SOCKET UNIT****INTEGRATED CIRCUIT**

IC1801 RH-iX1416BMZZ S R.G.B. Output AS

DIODES

D1811 RH-DX0045BMZZ S 1N4148 AA
D1821 RH-DX0045BMZZ S 1N4148 AA
D1831 RH-DX0045BMZZ S 1N4148 AA
D1870 RH-DX0501BMZZ S 1N4148 AA

— End of PWB-B —

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code																																																																																																																																																																																																																																																																																																																																																																					
PWB-C DUNTK7140CJV0																																																																																																																																																																																																																																																																																																																																																																														
CONTROL UNIT																																																																																																																																																																																																																																																																																																																																																																														
INTEGRATED CIRCUITS																																																																																																																																																																																																																																																																																																																																																																														
IC1100	VHiLM358P/-1	S	OPC Amp.	AC	C1400	VCKYPA1HF103Z	J	0.01	50V Ceramic																																																																																																																																																																																																																																																																																																																																																																					
IC1700	RH-iX1429BMZZ	S	+5V (Stand-by) Regulator	AE	C1401	VCKYPA1HF103Z	J	0.01	50V Ceramic																																																																																																																																																																																																																																																																																																																																																																					
TRANSISTORS																																																																																																																																																																																																																																																																																																																																																																														
Q1100	VS2SC1815GW-1	J	2SC1815(GW)	AB	C1402	VCCSPA1HL101J	J	100p	50V Ceramic																																																																																																																																																																																																																																																																																																																																																																					
Q1101	VS2SC1815GW-1	J	2SC1815(GW)	AB	C1412	VCCSPA1HL331J	J	330p	50V Ceramic																																																																																																																																																																																																																																																																																																																																																																					
Q1102	VS2SA1015Y/1E	J	2SA1015(Y)	AC	△ C1700	RC-FZ0145BMZZ	S	0.1	AC300V Mylar																																																																																																																																																																																																																																																																																																																																																																					
DIODES																																																																																																																																																																																																																																																																																																																																																																														
D1102	RH-DX0045BMZZ	S	1N4148	AA	△ C1701	RC-KZ0029CEZZ	J	0.01	AC250V Ceramic																																																																																																																																																																																																																																																																																																																																																																					
D1105	RH-PX0291CEZZ	J	LED, Stand-by On	AC	△ C1703	RC-KZ0029CEZZ	J	0.01	AC250V Ceramic																																																																																																																																																																																																																																																																																																																																																																					
D1106	RH-PX0291CEZZ	J	LED, Stereo On-Timer	AC	△ C1704	RC-KZ0029CEZZ	J	0.01	AC250V Ceramic																																																																																																																																																																																																																																																																																																																																																																					
D1107	RH-PX0291CEZZ	J	LED, OPC	AC	△ C1705	RC-KZ0029CEZZ	J	0.01	AC250V Ceramic																																																																																																																																																																																																																																																																																																																																																																					
D1108	RH-DX0045BMZZ	S	1N4148	AA	△ C1706	RC-KZ0029CEZZ	J	0.01	AC250V Ceramic																																																																																																																																																																																																																																																																																																																																																																					
D1109	RH-DX0045BMZZ	S	1N4148	AA	C1707	VCEAGA1CW477M	J	470	16V Electrolytic																																																																																																																																																																																																																																																																																																																																																																					
D1400	RH-EX0412BMZZ	S	Zener Diode, 7.5V	AB	C1708	VCEAGA1AW477M	J	470	10V Electrolytic																																																																																																																																																																																																																																																																																																																																																																					
D1401	RH-EX0412BMZZ	S	Zener Diode, 7.5V	AB	RESISTORS																																																																																																																																																																																																																																																																																																																																																																									
D1402	RH-EX0412BMZZ	S	Zener Diode, 7.5V	AB	△ D1700	RH-DX0240CEZZ	J		AB	R1103	VRD-RA2BE224J	J	220k	1/8W Carbon	AA	△ D1701	RH-DX0240CEZZ	J		AB	R1104	VRD-RA2BE103J	J	10k	1/8W Carbon	AA	△ D1702	RH-DX0240CEZZ	J		AB	R1105	VRD-RA2BE273J	J	27k	1/8W Carbon	AA	△ D1703	RH-DX0240CEZZ	J		AB	R1106	VRD-RA2BE123J	J	12k	1/8W Carbon	AA	△ VA1700	RH-VX0033CEZZ	J	Varistor	AD	R1107	VRD-RA2BE102J	J	1k	1/8W Carbon	AA	PACKAGED CIRCUIT										△ PR1700	RMPTP0028CEZZ	J	Positive Coefficient Thermistor Degaussing	AG	R1108	VRD-RA2BE332J	J	3.3k	1/8W Carbon	AA	COIL										△ L1700	RCiLF0108BMZZ	S	Line Filter	AL	R1109	VRD-RA2BE103J	J	10k	1/8W Carbon	AA	CAPACITORS										C1100	VCEAGA1HW475M	J	4.7	50V Electrolytic	AB	R1111	VRD-RA2BE152J	J	1.5k	1/8W Carbon	AA	C1101	VCEAGA1CW106M	J	10	16V Electrolytic	AA	R1112	VRD-RA2BE473J	J	47k	1/8W Carbon	AA	C1102	VCEAGA1CW106M	J	10	16V Electrolytic	AA	R1113	VRD-RA2BE221J	J	220	1/8W Carbon	AA	C1103	VCKYPA1HF103Z	J	0.01	50V Ceramic	AA	R1114	VRD-RA2BE221J	J	220	1/8W Carbon	AA	C1104	VCEAGA1HW335M	J	3.3	50V Electrolytic	AB	R1115	VRD-RA2BE221J	J	220	1/8W Carbon	AA	C1105	VCEAGA1CW106M	J	10	16V Electrolytic	AA	R1116	VRD-RA2BE221J	J	220	1/8W Carbon	AA	C1106	VCEAGA1CW106M	J	10	16V Electrolytic	AA	R1117	VRD-RA2BE681J	J	680	1/8W Carbon	AA	C1107	VCEAGA0JW107M	J	100	6.3V Electrolytic	AB	R1118	VRD-RA2BE102J	J	1k	1/8W Carbon	AA	C1300	VCKYPA1HB102K	J	1000p	50V Ceramic	AA	R1119	VRD-RA2BE221J	J	220	1/8W Carbon	AA	C1301	VCKYPA1HB102K	J	1000p	50V Ceramic	AA	R1120	VRD-RA2BE102J	J	1k	1/8W Carbon	AA	C1304	VCKYPA1HF103Z	J	0.01	50V Ceramic	AA	R1121	VRD-RA2BE473J	J	47k	1/8W Carbon	AA	C1306	VCKYPA1HB102K	J	1000p	50V Ceramic	AA	R1123	VRD-RA2BE151J	J	150	1/8W Carbon	AA	C1307	VCKYPA1HF103Z	J	0.01	50V Ceramic	AA	R1125	VRD-RA2BE150J	J	15	1/8W Carbon	AA	C1308	VCCSPA1HL101J	J	100p	50V Ceramic	AA	R1300	VRD-RA2HD391J	J	390	1/2W Carbon	AA	SWITCHES										△ S1100	QSW-K0090CEZZ	S	Volume Up		R1301	VRD-RA2HD391J	J	390	1/2W Carbon	AA	△ S1101	QSW-K0090CEZZ	S	Volume Down		R1400	VRD-RA2BE102J	J	1k	1/8W Carbon	AA	△ S1102	QSW-K0090CEZZ	S	Channel Up		R1401	VRD-RA2BE102J	J	1k	1/8W Carbon	AA	△ S1103	QSW-K0090CEZZ	S	Channel Down		R1402	VRD-RA2BE104J	J	100k	1/8W Carbon	AA	△ S1104	QSW-K0090CEZZ	S	OPC		R1403	VRD-RA2BE104J	J	100k	1/8W Carbon	AA	△ S1700	QSW-P0566CEZZ	S	Main's Power		△ R1700	VRW-KQ41C4R7K	S	4.7	15W Cement	AE						R1701	VRS-VV3AB101J	J	100	1W Metal Oxide	AA
△ D1700	RH-DX0240CEZZ	J		AB	R1103	VRD-RA2BE224J	J	220k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
△ D1701	RH-DX0240CEZZ	J		AB	R1104	VRD-RA2BE103J	J	10k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
△ D1702	RH-DX0240CEZZ	J		AB	R1105	VRD-RA2BE273J	J	27k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
△ D1703	RH-DX0240CEZZ	J		AB	R1106	VRD-RA2BE123J	J	12k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
△ VA1700	RH-VX0033CEZZ	J	Varistor	AD	R1107	VRD-RA2BE102J	J	1k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
PACKAGED CIRCUIT																																																																																																																																																																																																																																																																																																																																																																														
△ PR1700	RMPTP0028CEZZ	J	Positive Coefficient Thermistor Degaussing	AG	R1108	VRD-RA2BE332J	J	3.3k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
COIL																																																																																																																																																																																																																																																																																																																																																																														
△ L1700	RCiLF0108BMZZ	S	Line Filter	AL	R1109	VRD-RA2BE103J	J	10k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
CAPACITORS																																																																																																																																																																																																																																																																																																																																																																														
C1100	VCEAGA1HW475M	J	4.7	50V Electrolytic	AB	R1111	VRD-RA2BE152J	J	1.5k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1101	VCEAGA1CW106M	J	10	16V Electrolytic	AA	R1112	VRD-RA2BE473J	J	47k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1102	VCEAGA1CW106M	J	10	16V Electrolytic	AA	R1113	VRD-RA2BE221J	J	220	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1103	VCKYPA1HF103Z	J	0.01	50V Ceramic	AA	R1114	VRD-RA2BE221J	J	220	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1104	VCEAGA1HW335M	J	3.3	50V Electrolytic	AB	R1115	VRD-RA2BE221J	J	220	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1105	VCEAGA1CW106M	J	10	16V Electrolytic	AA	R1116	VRD-RA2BE221J	J	220	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1106	VCEAGA1CW106M	J	10	16V Electrolytic	AA	R1117	VRD-RA2BE681J	J	680	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1107	VCEAGA0JW107M	J	100	6.3V Electrolytic	AB	R1118	VRD-RA2BE102J	J	1k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1300	VCKYPA1HB102K	J	1000p	50V Ceramic	AA	R1119	VRD-RA2BE221J	J	220	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1301	VCKYPA1HB102K	J	1000p	50V Ceramic	AA	R1120	VRD-RA2BE102J	J	1k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1304	VCKYPA1HF103Z	J	0.01	50V Ceramic	AA	R1121	VRD-RA2BE473J	J	47k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1306	VCKYPA1HB102K	J	1000p	50V Ceramic	AA	R1123	VRD-RA2BE151J	J	150	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1307	VCKYPA1HF103Z	J	0.01	50V Ceramic	AA	R1125	VRD-RA2BE150J	J	15	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
C1308	VCCSPA1HL101J	J	100p	50V Ceramic	AA	R1300	VRD-RA2HD391J	J	390	1/2W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																			
SWITCHES																																																																																																																																																																																																																																																																																																																																																																														
△ S1100	QSW-K0090CEZZ	S	Volume Up		R1301	VRD-RA2HD391J	J	390	1/2W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
△ S1101	QSW-K0090CEZZ	S	Volume Down		R1400	VRD-RA2BE102J	J	1k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
△ S1102	QSW-K0090CEZZ	S	Channel Up		R1401	VRD-RA2BE102J	J	1k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
△ S1103	QSW-K0090CEZZ	S	Channel Down		R1402	VRD-RA2BE104J	J	100k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
△ S1104	QSW-K0090CEZZ	S	OPC		R1403	VRD-RA2BE104J	J	100k	1/8W Carbon	AA																																																																																																																																																																																																																																																																																																																																																																				
△ S1700	QSW-P0566CEZZ	S	Main's Power		△ R1700	VRW-KQ41C4R7K	S	4.7	15W Cement	AE																																																																																																																																																																																																																																																																																																																																																																				
					R1701	VRS-VV3AB101J	J	100	1W Metal Oxide	AA																																																																																																																																																																																																																																																																																																																																																																				

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code					
PWB-C DUNTK7140CJV0					PWB-D DUNTK7125CJV0									
CONTROL UNIT (Continued)														
MISCELLANEOUS PARTS														
E1100	UBATZ0003CEZZ	J	Solar Cell, OPC	AG	IC1200	VHiTDA9814T-1	S	PIF/SIF	AX					
△ F1700	QFS-C2050BMZZ	S	Fuse, T2AH	AD	Q1200	VS2SC1906//1E	J	2SC1906	AC					
FH1700	QFSHD1009CEZZ	J	Fuse Holder	AA	Q1201	VS2SC1906//1E	J	2SC1906	AC					
FH1701	QFSHD1010CEZZ	J	Fuse Holder	AA										
△ J1300	QJAKJ0014AEZZ	J	Jack, Head Phone	AQ										
△ J1400	QJAKZ0101BMZZ	S	Jack, AV Input	AH										
P1100	QPLGN1041CEZZ	J	Plug 10-pin, (D)	AC										
P1300	QPLGN0441CEZZ	J	Plug 4-pin, (S)	AB										
P1301	QPLGN0441CEZZ	J	Plug 4-pin, (E)	AB										
P1400	QPLGN0541CEZZ	J	Plug 5-pin, (C)	AB										
△ P1700	QPLGN0304CEZZ	J	Plug 3-pin, (A)	AB										
△ P1701	QPLGN0207CEZZ	J	Plug 2-pin, (G)	AA										
△ P1702	QPLGN0304CEZZ	J	Plug 3-pin, (B)	AB										
RMC1100	RRMCU0201BMZZ	S	Remote Control Receiver	AN										
L1LDZ1525CEZZ	J	LED Hölder		AB										
INTEGRATED CIRCUIT														
TRANSISTORS														
Q1200	VS2SC1906//1E	J	2SC1906	AC										
Q1201	VS2SC1906//1E	J	2SC1906	AC										
COIL AND TRANSFORMERS														
CF1200	RFiLC0061CEZZ	J	Ceramic Filter, 5.5 MHz	AF										
CF1201	RFiLC0063CEZZ	J	Ceramic Filter, 5.74 MHz	AG										
CF1202	RFiLC0020CEZZ	J	Ceramic Filter, 5.5 MHz	AE										
L1200	VP-XF3R3K0000	J	Coil, 3.3μH	AB										
L1201	VP-XF1R2K0000	J	Coil, 1.2μH	AB										
L1202	VP-XF120K0000	J	Coil, 12μH	AB										
SF1200	RFiLC0108BMZZ	S	Surface Acoustic Wave Filter	AL										
SF1201	RFiLC0198CEZZ	J	Surface Acoustic Wave Filter	AH										
T1200	RCiLi0457CEZZ	J	Coil	AD										
T1201	RCiLi0402CEZZ	J	Coil, Adj.-P Trap	AD										
T1202	RCiLD0232CEZZ	S	Coil	AE										
CONTROLS														
R1216	RVR-B1007AEZZ	J	22k(B) RF-AGC	AB										
R1219	RVR-M4077CEZZ	J	4.7k(B) Separation	AB										
CAPACITORS														
C1201	VCKYTV1HB102K	J	1000p 50V Ceramic	AA										
C1202	VCKYTV1HF103Z	J	0.01 50V Ceramic	AA										
C1203	VCKYTV1HF103Z	J	0.01 50V Ceramic	AA										
C1204	VCKYTV1HB102K	J	1000p 50V Ceramic	AA										
C1206	VCKYTV1HF103Z	J	0.01 50V Ceramic	AA										
C1207	VCKYTV1HB102K	J	1000p 50V Ceramic	AA										
C1208	RC-FZ9104BMNJ	S	0.1 63V Mylar	AB										
C1209	RC-FZ9224BMNJ	S	0.22 63V Mylar	AC										
C1210	VCEAGA1HW225M	J	2.2 50V Electrolytic	AB										
C1211	VCEAGA1HW225M	J	2.2 50V Electrolytic	AB										
C1212	VCEAGA1HW225M	J	2.2 50V Electrolytic	AB										
C1213	VCEAGA1CW226M	J	22 16V Electrolytic	AB										
C1214	VCEAGA1CW226M	J	22 16V Electrolytic	AB										
C1216	RC-FZ9104BMNJ	S	0.1 63V Mylar	AB										
C1217	VCEAGA1HW225M	J	2.2 50V Electrolytic	AB										
C1218	VCEAGA1HW225M	J	2.2 50V Electrolytic	AB										
C1219	VCKYTV1HF103Z	J	0.01 50V Ceramic	AA										
C1220	VCEAGA1AW476M	J	47 10V Electrolytic	AA										

— End of PWB-C —

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-D DUNTK7125CJV0					PWB-E DUNTK7126CJV1				
IF UNIT (Continued)					TEXT UNIT				
CAPACITORS (Continued)									
C1221	VCEAGA1CW476M	J 47	16V Electrolytic	AB	IC2400	RH-iX1567BMZZ	S	TEXT Decoder	BG
C1222	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA	INTEGRATED CIRCUIT				
C1228	VCKYTV1HB102K	J 1000p	50V Ceramic	AA	TRANSISTOR				
C1231	RC-FZ9334BMNJ	S 0.33	63V Mylar	AC	Q2400	VS2SC2412KQ-1	J	2SC2412	AA
C1233	VCCCTV1HH471J	J 470p	50V Ceramic	AA	DIODE				
RESISTORS									
R1201	VRS-TV1JD151J	J 150	1/16W Metal Oxide	AA	D2400	RH-EX0403BMZZ	S	Zener Diode, 3V	AA
R1202	VRS-TV1JD562J	J 5.6k	1/16W Metal Oxide	AA	PACKAGED CIRCUIT				
R1203	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA	X2400	RCRSB0214BMZZ	S	Crystal, 20.5 MHz	AH
R1204	VRS-TV1JD471J	J 470	1/16W Metal Oxide	AA	COILS				
R1205	VRS-TV1JD270J	J 27	1/16W Metal Oxide	AA	L2400	VP-XF3R3K0000	J	Coil, 3.3μH	AB
R1206	VRS-TV1JD151J	J 150	1/16W Metal Oxide	AA	L2401	VP-XF3R3K0000	J	Coil, 3.3μH	AB
R1207	VRD-RA2EE221J	J 220	1/4W Carbon	AA	L2402	VP-XF3R3K0000	J	Coil, 3.3μH	AB
R1208	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	CAPACITORS				
R1209	VRD-RA2BE121J	J 120	1/8W Carbon	AA	C2400	VCCCTV1HH220J	J 22p	50V Ceramic	AA
R1210	VRS-TV1JD562J	J 5.6k	1/16W Metal Oxide	AA	C2401	VCCCTV1HH220J	J 22p	50V Ceramic	AA
R1211	VRS-TV1JD222J	J 2.2k	1/16W Metal Oxide	AA	C2402	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
R1212	VRS-TV1JD271J	J 270	1/16W Metal Oxide	AA	C2403	VCEAGA1CW106M	J 10	16V Electrolytic	AA
R1213	VRS-TV1JD6R8J	J 6.8	1/16W Metal Oxide	AA	C2404	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
R1214	VRS-TV1JD151J	J 150	1/16W Metal Oxide	AA	C2405	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
R1215	VRS-TV1JD561J	J 560	1/16W Metal Oxide	AA	C2406	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
R1216	<i>See Controls</i>				C2407	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
R1217	VRS-TV1JD221J	J 220	1/16W Metal Oxide	AA	C2408	RC-FZ9104BMNJ	S 0.1	63V Mylar	AB
R1218	VRD-RA2BE101J	J 100	1/8W Carbon	AA	C2409	VCEAGA1AW476M	J 47	10V Electrolytic	AA
R1219	<i>See Controls</i>				C2410	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA
R1220	VRS-TV1JD471J	J 470	1/16W Metal Oxide	AA	C2411	VCKYTV1HF103Z	J 0.01	50V Ceramic	AA
R1221	VRS-TV1JD331J	J 330	1/16W Metal Oxide	AA	C2412	VCEAGA0JW107M	J 100	6.3V Electrolytic	AB
R1225	VRS-TV1JD561J	J 560	1/16W Metal Oxide	AA	RESISTORS				
R1226	VRS-TV1JD561J	J 560	1/16W Metal Oxide	AA	R2400	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R1227	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	R2401	VRS-TV1JD471J	J 470	1/16W Metal Oxide	AA
R1228	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R2402	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R1229	VRS-TV1JD391J	J 390	1/16W Metal Oxide	AA	R2403	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R1230	VRS-TV1JD682J	J 6.8k	1/16W Metal Oxide	AA	R2404	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R1231	VRS-TV1JD223J	J 22k	1/16W Metal Oxide	AA	R2405	VRS-TV1JD121J	J 120	1/16W Metal Oxide	AA
R1232	VRS-TV1JD223J	J 22k	1/16W Metal Oxide	AA	R2406	VRS-TV1JD121J	J 120	1/16W Metal Oxide	AA
R1233	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA	R2407	VRS-TV1JD121J	J 120	1/16W Metal Oxide	AA
R1234	VRS-TV1JD562J	J 5.6k	1/16W Metal Oxide	AA	R2408	VRS-TV1JD121J	J 120	1/16W Metal Oxide	AA
MISCELLANEOUS PARTS					R2409	VRS-TV1JD121J	J 120	1/16W Metal Oxide	AA
P1200	QPLGN1285CEZZ	J	Plug 12-pin, (FA)	AC	R2410	VRS-TV1JD121J	J 120	1/16W Metal Oxide	AA
— End of PWB-D —					R2411	VRS-TV1JD121J	J 120	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
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PWB-E DUNTK7126CJV1 TEXT UNIT (Continued)

RESISTORS (Continued)

R2408	VRS-TV1JD104J	J	100k 1/16W Metal Oxide	AA
R2409	VRS-TV1JD472J	J	4.7k 1/16W Metal Oxide	AA
R2410	VRS-TV1JD560J	J	56 1/16W Metal Oxide	AA
R2411	VRS-TV1JD271J	J	270 1/16W Metal Oxide	AA
R2412	VRS-TV1JD101J	J	100 1/16W Metal Oxide	AA
R2413	VRS-TV1JD101J	J	100 1/16W Metal Oxide	AA
R2414	VRS-TV1JD101J	J	100 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

P2400	QPLGN0885CEZZ	J	Plug 8-pin, (TA)	AC
P2401	QPLGN1285CEZZ	J	Plug 12-pin, (TB)	AC
SC2400	QSOCN1068BMZZ	S	Service Connector	AE

PWB-F DUNTK7127CJV0 IGR UNIT

INTEGRATED CIRCUIT

IC2301	RH-iX1445BMZZ	S		AW
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TRANSISTORS

Q2303	VS2SC2412KQ-1	J	2SC2412	AA
Q2331	RH-TX0113BMZZ	S	BF840	AC
Q2334	VS2SC2412KQ-1	J	2SC2412	AA
Q2335	VS2SC2412KQ-1	J	2SC2412	AA

DIODES

D2301	VHDDAN202K/-1	J	DAN202K	AB
D2302	VHDDAN202K/-1	J	DAN202K	AB
D2304	RH-DX0013GEZZ	J		AB

PACKAGED CIRCUIT

X2331	RCRSB0200BMZZ	S	Crystal, 17.73 MHz	AG
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COIL

L2301	VP-DF4R7K0000	J	Coil, 4.7μH	AB
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CAPACITORS

C2308	VCEAGA1HW474M	J	0.47	50V Electrolytic	AA
C2310	VCEAGA1HW475M	J	4.7	50V Electrolytic	AB
C2311	VCEAGA1HW475M	J	4.7	50V Electrolytic	AB
C2330	VCKYTV1HF103Z	J	0.01	50V Ceramic	AA
C2331	VCEAGA1AW477M	J	470	10V Electrolytic	AC
C2332	VCKYTV1HB102K	J	1000p	50V Ceramic	AA
C2333	VCKYTV1HF103Z	J	0.01	50V Ceramic	AA
C2334	VCCCTV1HH1R0C	J	1p	50V Ceramic	AA
C2335	VCCCTV1HH471J	J	470p	50V Ceramic	AA
C2336	VCCCTV1HH100D	J	10p	50V Ceramic	AA
C2337	VCEAGA1HW474M	J	0.47	50V Electrolytic	AA
C2338	VCEAGA1HW474M	J	0.47	50V Electrolytic	AA
C2339	VCCCTV1HH270J	J	27p	50V Ceramic	AA
C2340	VCKYTV1HF103Z	J	0.01	50V Ceramic	AA
C2341	VCKYTV1HF103Z	J	0.01	50V Ceramic	AA
C2342	VCKYTV1HF103Z	J	0.01	50V Ceramic	AA
C2343	VCKYTV1HF103Z	J	0.01	50V Ceramic	AA
C2344	VCKYTV1HF103Z	J	0.01	50V Ceramic	AA
C2345	VCEAGA1HW475M	J	4.7	50V Electrolytic	AB
C2346	VCEAGA1HW474M	J	0.47	50V Electrolytic	AA
C2347	VCEAGA1HW474M	J	0.47	50V Electrolytic	AA
C2348	VCEAGA1HW475M	J	4.7	50V Electrolytic	AB
C2352	VCEAGA1HW475M	J	4.7	50V Electrolytic	AB
C2353	VCKYTV1HF104Z	J	0.1	50V Ceramic	AA
C2354	VCCSTV1HL681J	J	680p	50V Ceramic	AA
C2355	VCCSTV1HL681J	J	680p	50V Ceramic	AA
C2356	VCCSTV1HL681J	J	680p	50V Ceramic	AA
C2357	VCKYTV1HB153K	J	0.015	50V Ceramic	AA
C2358	VCKYTV1HB153K	J	0.015	50V Ceramic	AA
C2359	VCKYTV1HB102K	J	1000p	50V Ceramic	AA
C2360	VCKYTV1HB102K	J	1000p	50V Ceramic	AA
C2361	VCEAGA1HW475M	J	4.7	50V Electrolytic	AB
C2362	VCEAGA1HW475M	J	4.7	50V Electrolytic	AB
C2363	VCKYTV1HB102K	J	1000p	50V Ceramic	AA
C2364	VCKYTV1HB102K	J	1000p	50V Ceramic	AA
C2365	VCEAGA1HW225M	J	2.2	50V Electrolytic	AB
C2366	VCKYTV1HF103Z	J	0.01	50V Ceramic	AA
C2367	VCKYTV1HF103Z	J	0.01	50V Ceramic	AA
C2368	VCEAGA1CW106M	J	10	16V Electrolytic	AA
C2369	VCCCTV1HH220J	J	22p	50V Ceramic	AA
C2370	VCCCTV1HH220J	J	22p	50V Ceramic	AA
C2371	VCCCTV1HH220J	J	22p	50V Ceramic	AA
C2372	VCKYTV1HF104Z	J	0.1	50V Ceramic	AA
C2373	VCEAGA1CW337M	J	330	16V Electrolytic	AC
C2374	VCEAGA1CW106M	J	10	16V Electrolytic	AA

RESISTORS

R2303	VRS-TV1JD104J	J	100k 1/16W Metal Oxide	AA
R2304	VRS-TV1JD104J	J	100k 1/16W Metal Oxide	AA
R2305	VRS-TV1JD101J	J	100 1/16W Metal Oxide	AA
R2306	VRS-TV1JD101J	J	100 1/16W Metal Oxide	AA
R2307	VRD-RA2BE101J	J	100 1/8W Carbon	AA
R2313	VRS-TV1JD103J	J	10k 1/16W Metal Oxide	AA
R2314	VRS-TV1JD182J	J	1.8k 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
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PWB-F DUNTK7127CJV0 IGR UNIT (Continued)

RESISTORS (Continued)

R2316	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R2317	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R2318	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R2319	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R2320	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R2321	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R2329	VRS-TV1JD563J	J 56k	1/16W Metal Oxide	AA
R2330	VRS-TV1JD563J	J 56k	1/16W Metal Oxide	AA
R2331	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
R2332	VRS-TV1JD183J	J 18k	1/16W Metal Oxide	AA
R2333	VRS-TV1JD473J	J 47k	1/16W Metal Oxide	AA
R2334	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
R2335	VRS-TV1JD563J	J 56k	1/16W Metal Oxide	AA
R2336	VRS-TV1JD563J	J 56k	1/16W Metal Oxide	AA
R2337	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
R2343	VRS-TV1JD683J	J 68k	1/16W Metal Oxide	AA
R2345	VRS-TV1JD562J	J 5.6k	1/16W Metal Oxide	AA
R2346	VRS-TV1JD562J	J 5.6k	1/16W Metal Oxide	AA
R2347	VRS-TV1JD562J	J 5.6k	1/16W Metal Oxide	AA
R2348	VRS-TV1JD562J	J 5.6k	1/16W Metal Oxide	AA
R2349	VRS-TV1JD683J	J 68k	1/16W Metal Oxide	AA
R2350	VRS-TV1JD561J	J 560	1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

P2301	QPLGN1285CEZZ	J	Plug 12-pin, (AA)	AC
P2302	QPLGN1285CEZZ	J	Plug 12-pin, (AB)	AC

Ref. No.	Part No.	★	Description	Code
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MISCELLANEOUS PARTS

ACC701	QACCZ2100BMSA	S	AC Cord	AR
SP1	VSPRA09PB018B	S	Speaker, 8Ω	BB
SP2	VSPRA09PB018B	S	Speaker, 8Ω	BB
LHLDK1501BM00		S	AC Cord Holder	AB
QCNW-2677BMZZ		S	Connecting Wire, (S)	AK
QCNW-2678BMZZ		S	Connecting Wire, (E)	AF
QCNW-2679BMZZ		S	Connecting Wire, (C)	AL
QCNW-2686BMZZ		S	Connecting Wire, (D)	AK
QCNW-2681BMZZ		S	Connecting Wire, (B)	AG
QCNW-2682BMZZ		S	Connecting Wire, (K)	AG
QCNW-2683BMZZ		S	Connecting Wire, (H)	AF
QCNW-2684BMZZ		S	Connecting Wire, (L2)	AE

— End of MISCELLANEOUS PARTS —

SUPPLIED ACCESSORIES

ACCESSORIES

RRMCG1023BMSA	S	Remote Control Unit	BB
TiNS-6214BMZZ	S	Operation Manual	AY

ACCESSORIES (NOT REPLACEMENT ITEM)

UBATU0015CEZZ	-	Dry Batteries	—
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— End of SUPPLIED ACCESSORIES —

PACKING PARTS (NOT REPLACEMENT ITEM)

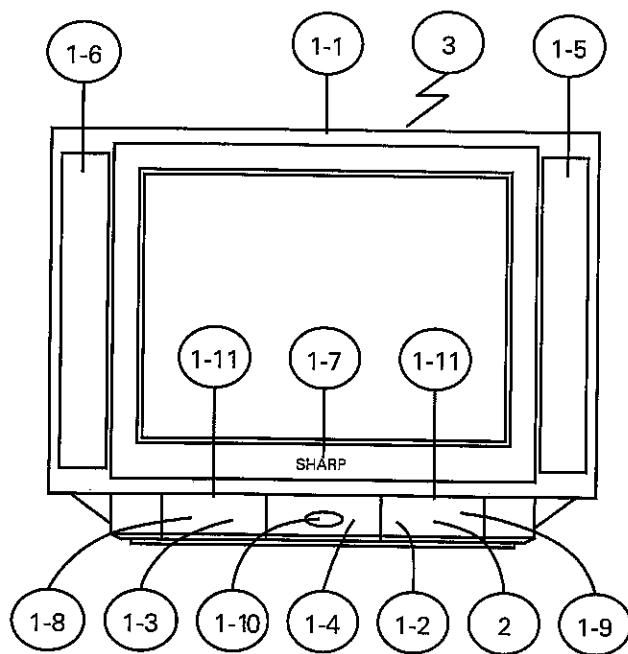
SPAKC5184BMZZ	-	Packing Case	—
SPAKP2004BMZZ	-	Polystyrene Mat	—
SPAKX4017BMN1	-	Buffer Material	—

— End of PWB-F —

— End of PACKING PARTS —

Ref. No.	Part No.	★	Description	Code
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CABINET PARTS



Ref. No.	Part No.	Description	Code
1	CCABA1065BMV0	S Cabinet Ass'y, Front	BT
1-1	Not Available	- Cabinet, Front	—
1-2	GDORF1041BMSA	S Door, Right	AE
1-3	GDORF1042BMSA	S Door, Left	AE
1-4	GMADT1021BMSA	S Window	AG
1-5	GNETV0007BMSB	S Speaker Net, Right	AW
1-6	GNETV0008BMSB	S Speaker Net, Left	AW
1-7	HBDGB3101CESB	J Badge, "SHARP"	AG
1-8	HINDP5059BMSA	S Indicator, Left	AE
1-9	HINDP5060BMSA	S Indicator, Right	AE
1-10	JBTN-1011BMSA	S Push Button, OPC	AC
1-11	PKAi-1083BM00	S Door Latch	AF
2	JBTN-1013BMSA	S Push Button, Power	AB
3	CCABB1039BMV0	S Cabinet Ass'y, Rear	BF

SHARP